

HQMC
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E R R A T U M

to MCO 3501.29

MARINE CORPS COMBAT READINESS EVALUATION SYSTEM (MCCRES),
VOLUME X PARTC, ASSAULT AMPHIBIAN VEHICLE UNITS

1. For administrative purposes, the Publications Control Number (PCN) has been reidentified. Change the PCN "10203355500" to read: "10203362700".

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DEPARTMENT OF THE NAVY
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MARINE CORPS ORDER 3501.29

From: Commandant of the Marine Corps
To: Distribution List

Subj: MARINE CORPS COMBAT READINESS EVALUATION SYSTEM (MCCRES), VOLUME X PART C, ASSAULT AMPHIBIAN VEHICLE UNITS

Ref: (a) MCO 1553.1B
(b) MCO 1553.3
(c) MCO 1553.5
(d) MCO 3501.1C

Encl: (1) Mission Performance Standards (MPSs)

1. Purpose. To publish revised Mission Performance Standards (MPSs) at enclosure (1) for Assault Amphibian unit level training and evaluation.

2. Background

a. MCCRES was developed as a part of the Unit Training Management program to further assist FMF commanders to meet established training standards for mission performance, identify training deficiencies, and formulate training plans to increase combat readiness.

b. MPSs are mission-oriented collective training standards that establish the minimum acceptable foundation for operational performance by FMF units and elements.

3. Information. The references provide policy, assign training Responsibilities, and establish the system by which MCCRES is implemented and supported within the Marine Corps. The enclosure, supported by the policies and procedures set forth in the references, provides the MPSs for use in evaluation of the combat readiness of assault amphibian units to perform combat operations.

4. Action. Commanders will:

a. Use the MPSs contained in the enclosure as guidelines for establishing training goals, training programs, and to prepare for formal readiness evaluations as directed by higher headquarters per the references.

b. When appropriate, use the MPSs for informal evaluations, and/or as an inventory to determine a unit's current training status and areas for future progressive training programs.

c. Make every effort to conduct evaluations when the unit is participating in their appropriate role as part of a Marine Air Ground Task Force (MAGTF) with adequate maneuver space. Assault amphibian units need ship-to-shore training areas of at least nine square kilometers at sea combined with an adjacent 12 square kilometers ashore with good trafficability and engagement ranges to

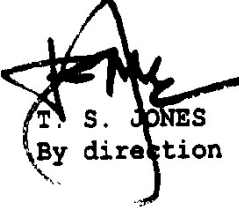
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practice Operational Maneuver From The Sea (OMFTS).

5. Submission of Recommendations and Requirements. Recommendations concerning the content of this Order are invited. Submit recommendations for additions, deletions, or modifications to CG MCCDC (C461) via the chain of command.

6. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.



T. S. JONES
By direction

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VOLUME X PART C

MISSION PERFORMANCE STANDARDS

ASSAULT AMPHIBIAN UNITS

INTRODUCTION

This MCCRES is divided into four sections: section A contains the AAV battalion tasks, section B contains the AAV company tasks, section C contains the AAV platoon tasks, and section D contains the mine/countermine platoon tasks.

MCCRES MPSs establish the minimum acceptable standards to properly execute the AAV community's basic missions. Fundamental to the mission of the assault amphibian community is the battalion's ability to execute standard tactical missions listed in the MPSs table of contents. The tasks and standards within the MPSs are derived from doctrine, tactics, techniques and procedures, and recommendations from the operating forces.

The MCCRES and its MPSs have been developed with the goal of enhancing the training readiness of Marine Corps units. The system endeavors to accomplish this by developing a comprehensive series of MPSs for all function areas of the MAGTF. The MPS's tasks and standards attempt to cover the basic missions an AAV unit is expected to perform in combat. The MCCRES is not an end "in and of itself" but a basis from which to prepare for fighting for "fighting smart" in accordance with MCDP 1 Warfighting. It is understood that only a certain number of these elements can be evaluated during any one exercise. Available training areas, environmental restrictions, units to be supported, external support, time and scenario will influence the number of MCCRES MPSs that can be evaluated. However, a series of exercises based upon evaluation objectives derived from a viable unit training program should expand the number of MCCRES tasks to be evaluated and assist in assessing a unit's overall combat readiness. Opportunities should be sought to evaluate those standards not evaluated in a given recent exercise. Keeping this in mind will help avoid the problem of going year after year with certain areas repeatedly not being evaluated.

Tasks are to be evaluated using the "90 percent rule". This rule allows the evaluator to score a "YES", when based on his observation the unit/element attempted and successfully met the standard's criteria at least 90 percent of the time. See the current edition of MCO 3501.1.

EVALUATOR

MCCRES MPSs for assault amphibian units presuppose that personnel and logistics support are sufficient to meet minimum acceptable standards; but it is acknowledged that sufficient people, supplies, and equipment are not always available. The unit is not penalized if they cannot attempt all the standards. When such external factors contribute to limiting a unit's combat readiness, it should be noted in the "COMMENTS" column of an evaluation sheet and recorded in the overall evaluation report

ENCLOSURE (1)

SECTION 10A

ASSAULT AMPHIBIAN BATTALION

ENCLOSURE (1)

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MPS 10A.01 - NBC DEFENSE OPERATIONS

TASK: 10A.01.01 CONDUCT INITIAL PLANNING

CONDITION(S): Given the mission to support tactical operations either as unit or in direct support. Upon receipt of the order, the AA Bn begins the staff planning process.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Battalion staff conducts mission analysis of supported unit's mission to derive specified and implied tasks.
- .2 ____ Issues a warning order to subordinate companies based on commander's guidance. (KI)
- .3 ____ Obtains intelligence data on the enemy, the area of operation, and the weather.
- .4 ____ Conducts a detailed terrain analysis (includes use of topographic products and aerial photography when available).
- .5 ____ Analyzes the armored, ATGM, NBC, and mine threat posed by the
- .6 ____ Incorporates Operational Risk Management (ORM) into planning.
- .7 ____ Develops courses of action.
- .8 ____ Develops a staff estimate of supportability for each course of action.
- .9 ____ Develops appropriate plans after receipt of the commander's decision.
- .10 ____ Issues the order.

EVALUATOR INSTRUCTIONS: The focus of this task is on the AA battalion commander as he fulfills his basic responsibilities to the supported unit. The evaluator should note that some of the requirements are one time actions and some are repetitive actions that will reoccur as the tactical situation changes.

KEY INDICATORS:

TIME MANAGEMENT

Ensure commanders allocate 2/3 of available time for planning and preparation by subordinate units. Time is allocated at all levels. In order to fulfill requirements, commanders manage available time to ensure that appropriate rest (sleep) periods are available (tactical situation permitting) in order to ensure that peak efficiency and alertness is maintained.

OPERATIONAL RISK MANAGEMENT (ORM)

Ensure commanders utilize the five step ORM process, per MCO 3500.27, in their planning which includes: identify hazards, assess hazards, make risk decisions, implement controls, and supervise.

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TASK: 10A.01.02 COORDINATE INTELLIGENCE FUNCTIONS

CONDITION(S): The AA battalion is assigned the mission to support The higher headquarters unit has an intelligence section fully capable of providing intelligence support to the unit.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Unit has and uses an SOP that provides procedures for handling intelligence matters, and addresses inter-operability with
- .2 ____ Identifies intelligence requirements.
- .3 ____ Requests intelligence support.
- .4 ____ Performs Intelligence Preparation of the Battlefield (IPB)
- .5 ____ Safeguards all classified material and limits access
- .6 ____ Stresses intelligence awareness for all assigned personnel.
- .7 ____ Ensures intelligence information is disseminated to
- .8 ____ Unit is aware of the supported unit's Essential Elements of Information (EEI
- .9 ____ Identifies the procedures to be used in handling EPWs (See Task 10E.5.10 PROCESS ENEMY PRISONERS OF WAR).
- .10 ____ Publishes daily changes of primary/alternate challenge/passwords; signs/counter-signs.
- .11 ____ Advises commander on counterintelligence issues.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

INTELLIGENCE AWARENESS

Intelligence awareness includes:

- Knowledge of the collection means available.
- Understanding the intelligence capabilities and limitations of the unit.
- Emphasis on Operational Security (OPSEC) at all levels.
- Rapid reporting of raw combat information.
- Exploitation of information gleaned from POWs.
- Development of relevant EEIs and Operational Intelligence Requirements (OIR).

TASK: 10A.01.03 COORDINATE COMMUNICATIONS PLANNING

ENCLOSURE (1)

CONDITION(S): The AA battalion is assigned the mission to support The supported unit is conducting communications planning for all elements. The enemy has the ability to conduct Electronic Warfare Support Measures (ESM) and Electronic Warfare Counter-Measures (ECM) operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Develops communications requirements.
- .2 ____ Demonstrates knowledge of external communications support
- .3 ____ Coordinates communication requirements with available sources.
- .4 ____ Develops concept of communications support.
- .5 ____ Corrects any interoperability problems.
- .6 ____ Develops communications plan (Annex K).
- .7 ____ Develops a security plan.
- .8 ____ Provides the supported unit's communications personnel with
- .9 ____ Advises on command post structure.
- .10 ____ Publishes communications plan.
- .11 ____ Unit demonstrates a knowledge of alternate communications methods. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

ALTERNATE COMMUNICATIONS

Units must:

- Demonstrate awareness of communications capabilities and limitations during planning.
- Be prepared to erect expedient antenna systems, utilize hand/arm signals, and lay wire, when appropriate.
- Display full cognizance of importance of communications security.

TASK: 10A.01.04 COORDINATE LOGISTICS PLANNING

CONDITION(S): The AA battalion is assigned in support of tactical supported unit OpOrd calls for full use of AAV assets. The mission requires the AAV Bn to support the forward deployed AA units.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Identifies AAV Combat Service Support (CSS) requirements during the planning phase for forward deployed AAV units.
- .2 ____ Establishes liaison with the MAGTF CSS element as required for higher level logistic supported unit.
- .3 ____ Identifies any logistics requirements beyond the supported unit's capability.
- .4 ____ Ensures vehicles maintenance/casualty recovery procedures are
- .5 ____ Conducts liaison with the supported unit upon receipt of the
- .6 ____ Determines availability and capabilities of AAV unit logistics and support vehicles.
- .7 ____ Ensures sustainment procedures are established.
- .8 ____ Determines required procedures are established.
- .9 ____ Operates a Battalion Aid Station (BAS).
- .10 ____ Determines the priorities of AAV support.
- .11 ____ Determines air delivery requirements for CSS, if available.
- .12 ____ Operates a Logistics Operations Center (LOC).
- .13 ____ Reports all changes in operational readiness to higher
- .14 ____ Battalion staff coordinates all maintenance, recovery, and logistics requirements and establishes appropriate support arrangements with higher headquarters and CSSE.
- .15 ____ Support arrangements must feasible support the mission and address all equipment, personnel, and supply support organic
- .16 ____ Coordinates with higher headquarters/CSSE as required for higher level logistical support requirements not within the
- .17 ____ Coordinate contact team activities with supporting CSSE to ensure the contact teams become OPCON to the AAV Battalion's
- .18 ____ Determine operational/thorough decontamination requirements and support needed.

EVALUATOR INSTRUCTIONS: Evaluator examines the unit performance throughout all phases of operations.

ENCLOSURE (1)

KEY INDICATORS:

LOGISTIC SUPPORT

Ensure the AAV unit logistics requirements include:

- Procedures for requesting support when in either a general or direct support role.
 - Request formats.
 - Standardized loads for resupply.
 - Specific procedures for recovery operations.
 - Procedures for 3rd echelon maintenance under field conditions.
 - Procedures for replacement of major end items.
 - Unit Density List (UDL) submitted must include all assets organic to the unit.
 - AAV unit logistics availability should include equipment status. Class IX parts, PEB, expendable materials, etc. on hand. Additional consideration should be given to maintenance administrative (MIMMS/SASSY), tools and test equipment, publications, calibration, and scheduled Preventative Maintenance (PM).
 - Ensure the supported unit is briefed on logistic requirements.
-

TASK: 10A.01.05 OPERATE A COMMAND POST

CONDITION(S): The AA battalion is operating a battalion Combat and Logistics Operation Center (LOC) in support of forward deployed companies.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Organizes and operates the command post per unit SOP.
- .2 ____ Determines ability to sustain 24 hour operations.
- .3 ____ Staffs the command post with appropriate personnel.
- .4 ____ Ensures proper site selection.
- .5 ____ Identifies alternate sites in the event the Command Post must be displaced rapidly.
- .6 ____ Prepares plans for the establishment of forward CPs per unit
- .7 ____ Demonstrates ability to displace under any light conditions.
- .8 ____ Employs both active and passive security measures.
- .9 ____ Maintains control of movement within the CP.

ENCLOSURE (1)

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- .10 ____ Locates bivouac areas and Helicopter Landing Zones (HLZ) to add depth to local security.
- .11 ____ Maintains positive/reliable communication with both higher Command and subordinate units.
- .12 ____ Sufficient communication means are allocated to permit operations to be controlled on the move and/or at two separate locations during displacement
- .13 ____ Passes control forward only after the new CP is capable of assuming control and notifies higher, adjacent, supporting,
- .14 ____ Displace the CP without losing control and without interrupting the progress of the attack or support to
- .15 ____ Demonstrates the ability to monitor the progress of the
- .16 ____ Subordinate units submit combat reports in a timely manner.
- .17 ____ Compiles information from subordinates and related activities to prepare Situation Reports (SITREP) and other required
- .18 ____ Coordinates the logistic support of all elements.
- .19 ____ Establish a NBC control center with ability to sustain 24 hour operations, and operate a COC under NBC conditions, and establish a local NBC warning system.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10A.01.06 CONDUCT COMBAT REPORTING

CONDITION(S): The AA battalion is assigned in direct support of tactical The supported unit's SOP and OpOrd contain the required reports and their submission times. Additional logistic and/or administration reports may be required by the AAV unit's parent organization.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Utilizes supported units operations SOP to establish required reporting procedures to higher headquarters. (KI)
- .2 ____ The report, format, and submission type requirements are understood and are uniform.
- .3 ____ AAV unit SOP details any additional reports required for the
- .4 ____ Establish/utilize JWARN connectivity for NBC warning and

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: Evaluator obtains a full listing of all required reports prior to initiation of his evaluation of the unit and ascertains that the supported unit requirements were available.

KEY INDICATORS:

REPORTS CONTROL

Ensure OpOrd or SOP stress brevity and include:

- Time of submission of required reports.
- Reports are submitted on "as required" basis.
- Report formats permit "exception only" reporting to facilitate brevity.
- Method of submission for reports and alternate means.

ENCLOSURE (1)

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MPS 10A.02 - AMPHIBIOUS OPERATIONS

TASK: 10A.02.01 CONDUCT AMPHIBIOUS OPERATIONS

CONDITION(S): The AA battalion is in support of a ground unit assigned amphibious assault.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Conducts planning.
- .2 ____ AAV representatives attend planning conference, as directed.
- .3 ____ Advises commander on shipping requirements and recommends methods of embarkation.
- .4 ____ Embarks AAVs.
- .5 ____ AAV unit commander coordinates with Amphibious Task Force (ATF) representatives on preparation of landing documents.
- .6 ____ Conducts ship-to-shore movement

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

LANDING DOCUMENTS

Ensure landing documents include:

- Landing plan.
- Assault schedule.
- Landing craft/vehicle assignment table.
- Landing diagram.
- Wave control.

TASK: 10A.02.02 PREPARE FOR EMBARKATION

CONDITION(S): AAV unit is tasked to support an amphibious assault. The plan is being developed by the supported unit based on the scheme of maneuver and Loading plan.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV representatives attend planning conference as directed.
- .2 ____ Advises commander on shipping requirements and recommends methods of embarkation.

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: The evaluator must be familiar with the various Documents required for the completion of the embarkation plan contained in FMFM 4-2, Amphibious Embarkation.

KEY INDICATORS:

PLANNING CONFERENCE

Ensure that planning conference include:

- Embarkation of vehicles and crews.
- Embarkation of command, maintenance, and communication personnel requested to support vehicle commitments.
- Loading of supplies and equipment such as fuel, ammunition (both smoke and antipersonnel), and repair parts to support embarked vehicles.

ENCLOSURE (1)

MPS 10A.03 - SUBSEQUENT OPERATIONS ASHORE

TASK: 10A.03.01 PREPARE TO OCCUPY AN ASSEMBLY AREA

CONDITION(S): The AA battalion is ordered to coordinate link-up of AAV supported units at designated assembly areas. The movements can be conducted under any light conditions. The unit is required to be task organized upon arrival in the assembly area, and be ready to embark Marines, their weapons, ammunition, and equipment.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Task organizes and assigns AAVs to units to be supported; provides their tentative locations and numbers of troops, weapons, ammunition, and supplies to be loaded.
- .2 ____ Issue Bn movement order to subordinate AAV units.
- .3 ____ Coordinates designated routes with the supported unit to resolve movement schedules, and identify known obstacles, location of friendly rear unit control points, the location of
- .4 ____ Coordinates with the supported units Fire Support Center, a fire support plan, and receives frequencies and call signs of
- .5 ____ Ensures liaison is complete between subordinate units and
- .6 ____ Ensures details of vehicle markings are provided to the supported units in order for them to identify assigned
- .7 ____ Ensures subordinate units link-up with supported units.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10A.03.02 OCCUPY A BATTALION SUPPORT AREA (BSA)

CONDITION(S): The AA battalion will plan for, and conduct, occupation of

STANDARDS EVAL: :Y; N; NE

- .1 ____ Coordinates the location of BSA with supported and higher unit
- .2 ____ Develops security plan for BSA.
- .3 ____ Coordinates designated routes (See #4 from 10A.3.1).
- .4 ____ Plans routes of march that offers the most cover and
- .5 ____ Issue battalion movement order
- .6 ____ Dispatches a quartering party to the supported unit to coordinate arrival at, and defense of, the assembly area.
- .7 ____ Designates guides for assisting subordinate units to the assembly area.

ENCLOSURE (1)

.8 ____ Ensures planning for defensive posture during static periods enroute to assembly area.

.9 ____ Establish NBC detection capability and NBC warning system.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10A.03.03 SUPPORT FORWARD AAV UNITS FROM A BSA

CONDITION(S): The AA battalion H&S Company is configured into combat and sustain forward deployed AAV units.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Establishes Lines of Communication between supported unit and
- .2 ____ Establishes tactical command and control center.
- .3 ____ Dispatches liaison teams to CSS elements.
- .4 ____ Establishes contact teams for forward deployment.
- .5 ____ Provides security for forward deployed elements of the
- .6 ____ Conducts secure convoy operations.
- .7 ____ Coordinates rapid requests with liaison officers.
- .8 ____ Establishes forward salvage points, Unit Maintenance Collection Points (UMCPs), and Repair and Replenishment Point
- .9 ____ Plans to displace and establish forward BSA to support maneuver element's scheme of maneuver.
- .10 ____ Is prepared to refit, rearm, refuel, and sustain forward elements including the Mine/Counter Mine (MCM) unit.
- .11 ____ Conducts recovery operations
- .12 ____ Conducts Battle Damage Assessment (BDA) and repairs forward
- .13 ____ Establishes tactical radio communication with higher and subordinate units.
- .14 ____ Maintain logistic status of forward deployed AAV units.
- .15 ____ Maintain higher headquarters/adjacent tactical picture.
- .16 ____ Provide operational decontamination capability, to include MOPP gear exchange and vehicle wash down.

EVALUATOR INSTRUCTIONS: None.

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KEY INDICATORS: None.

TASK: 10A.03.04 COORDINATE MINE/COUNTER MINE (MCM) OPERATIONS

CONDITION(S): The AAV battalion coordinates MCM platoon breaching of tactical operations, as requested by supported units.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Coordinates planning with higher headquarters.
- .2 ____ Coordinates employment with breach force element.
- .3 ____ Rearm/Refuel/Refit MCM platoon at established Refuel/Rearm
- .4 ____ Coordinates passage and link-up of MCM unit with supported units and breach force commander.
- .5 ____ Coordinates establishment of MCM routes and supporting fire.
- .6 ____ Plans amphibian breaching operations (Zero Wave), as required.
- .7 ____ Determine presence of chemical mines and take appropriate action before breach.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DECON CASUALTIES

Decon chemically contaminated casualties to the maximum extent possible prior to evacuation.

TASK: 10A.03.05 ENSURE CONTINUING ACTION BY MARINES ARE PERFORMED

CONDITION(S): The AA battalion is tasked to support tactical operations conditions varying from full to limited visibility.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Ensures implementation tactical discipline. (KI)
- .2 ____ Ensures/Demonstrates dispersion.
- .3 ____ Enforces employment of cover and concealment.
- .4 ____ Reacts to direct fires.
- .5 ____ Reacts to indirect fires.
- .6 ____ Responds to enemy air threat.
- .7 ____ Ensures AAV safety rules are implemented.

ENCLOSURE (1)

.8 ____ Ensure MOPP discipline is maintained and Marines react to chemical attack

KEY INDICATORS:

DISCIPLINE

The following individual discipline must be adhered to:

- Light.
- Sound.
- Sanitation.
- Hazardous materials handling.

TASK: 10A.03.06 CONDUCT CONSOLIDATION

CONDITION(S): The AA battalion has reached an objective, arrived at a restored defensive positions following an enemy counterattack. The battalion has received an order to consolidate.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Conducts initial planning.
- .2 ____ Develops a plan that takes full advantage of local terrain features and provides security.
- .3 ____ Coordinates procedures for the receipt of replacement personnel, supplies, and equipment.
- .4 ____ Coordinates CSS support activities and priorities of support.
- .5 ____ Conducts a detailed briefing of the plan to all key
- .6 ____ Submits SITREPs to appropriate units.
- .7 ____ Establishes communications with adjacent units.
- .8 ____ Process casualties per unit SOP and in a timely manner.
- .9 ____ Process Enemy Prisoners of War (EPWs) per the SOP.
- .10 ____ Redistribute personnel, supplies, and equipment to offset any
- .11 ____ Carry out replacement, resupply, maintenance, and other combat service support activities, as time permits.
- .12 ____ Displaces command and control facilities to control the consolidation and to facilitate the conduct of future operations.

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.13 ____ Submits reports to higher command, as required.

.14 ____ Prepares for on-call missions.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10A.03.07 CONDUCT CASUALTY EVACUATIONS

CONDITION(S): The AA battalion is in support of tactical operations.
are with the unit.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV unit has a medical evacuation plan in place. (KI)
- .2 ____ Bn establishes an aid station.
- .3 ____ Casualty reporting begins immediately through the chain of
- .4 ____ Wounded Marines' equipment is handled per AAV unit SOP.
- .5 ____ Establish procedures for chemically contaminated casualties.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

MEDICAL EVACUATION PLAN

The following apply:

- The AAV litter kits are properly installed and serviceable, as required.
- Coordinate evacuation of post triage casualties.
- Marines dealing with casualties prior to arrival of corpsmen demonstrate emergency first aid knowledge in treatment for shock, fractures, penetrating wounds, and sucking chest wounds.
- Marines tagged as lightly wound apply self-aid.
- Marines dealing with casualties are familiar with evacuation procedures, locations of medical facilities, and safe routes for evacuation.
- Marines who must be evacuated are transported to the treatment site in a tactically sound and expeditious manner with adequate on board medical assistance.

ENCLOSURE (1)

MPS 10A.04 - SUPPLY AND MAINTENANCE OPERATIONS

TASK: 10A.04.01 CONDUCT RECOVERY OPERATIONS

CONDITION(S): The AA battalion is supporting the forward deployed AAV

STANDARDS: EVAL: Y; N; NE

- .1 ____ Conducts battle damage assessment and performs repairs, as
- .2 ____ Coordinates recovery effort with the supported unit, to include the location of, and route to, the recovery site.
- .3 ____ Ensures disabled vehicle's ammunition and/or equipment are successfully recovered/evacuated.
- .4 ____ NBC contaminated equipment is recovered/evacuated. (KI)
- .5 ____ Provide replacement vehicle(s), if tactically required.
- .6 ____ Ensure personnel are knowledgeable of AAV destruction methods when casualty vehicles are beyond recover/salvage.

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the Tactical Exercise Commander, inserts sufficient vehicle casualty play into the tactical scenario to evaluate this task.

KEY INDICATORS:

The battalion staff will ensure the recovery crew:

- Coordinates with the supported unit to ensure familiarization with the situation and tactical control measures in effect.
- Identifies location and plans a route to vehicle/equipment.
- Locates vehicle/equipment without excessive searching.
- Ensures security augmentation, if tactically required.
- Adheres to safety regulations.
- Evacuates casualty AAV to CSSE when possible.

NBC contaminated recovery operations have the following additional requirements:

- Crews adopts MOPP 4 and buttons up recovery vehicle before entering contaminated area.
- Selects route that minimizes exposure.
- Rigs for evacuation.

ENCLOSURE (1)

- Recovers vehicle/equipment and evacuates it to the Equipment contamination Site (EDS).
 - Assists EDS personnel in decontaminating the recovery vehicle.
 - Evacuates to the appropriate maintenance/support activity.
-

TASK: 10A.04.02 CONDUCT SUPPLY AND MAINTENANCE OPERATIONS

CONDITION(S): The AA battalion is tasked to support tactical operations and/or on land. Initial planning and logistical planning has been completed, as well as liaison with higher headquarters and CSSE. Sustainment operations are to be conducted in all weather/light conditions. Final preparations for supportability have been completed.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Provides third, and when authorized, fourth echelon
- .2 ____ Supply and maintenance responsibilities are clearly
- .3 ____ Trained unit maintenance personnel and/or maintenance contact teams are located well forward and readily available to the
- .4 ____ Recovery, refueling, and resupply are conducted, as necessary.
- .5 ____ Conducts Repair and Replacement Point operations.
- .6 ____ Conducts Forward Arming and Refueling Point (FARP).
- .7 ____ AAV Bn has verified and inspected packaged and prepared mount out blocks of 2nd and 3rd echelon repair parts to include
- .8 ____ AAV Bn carries an operational block of supplies to include Pre-Expended Bin (PEB), Preventative Maintenance (PM), expendable materials, etc., for all equipment organic to the
- .9 ____ Carries initial issue quantities of SECREPs for AAVs deployed.
- .10 ____ Conduct supply and maintenance operations in an NBC

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the Tactical Exercise Commander (TEC), inserts sufficient logistic and maintenance requirements into the tactical scenario to provide for evaluation of this task.

KEY INDICATORS:

ORGANIZATIONAL MAINTENANCE

Ensure organizational maintenance is organized to accomplish the following:

- Make repairs as far forward as possible.
- Identify precise discrepancies of the vehicles and equipment to include specific parts and actions required.

ENCLOSURE (1)

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- Provide necessary personnel, parts, tools, and equipment to affect repairs.
- Repair and return vehicles and equipment to the unit in a timely manner.
- Perform supply responsibilities.
- Conduct Battle Damage Assessment (BDA).
- Maintains inventory of technical publications related to organic equipment.

ENCLOSURE (1)

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MPS 10A.05 - NBC DEFENSE OPERATIONS

TASK: 10A.05.01 PREPARE FOR NBC DEFENSE OPERATIONS

CONDITION(S): Threat forces have employed NBC munitions in the area destroying/ disrupting operations and facilities. Due to the threat, passive and active defense measures must be used for survival of the AAV unit.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV unit possesses an SOP which outlines procedures for enemy NBC strikes and the reports.
- .2 ____ All individual NBC defense equipment authorized by the unit Table of Equipment (T/E) is issued to each individual.
- .3 ____ All unit NBC defense equipment authorized by T/E is operationally ready and distributed to designated and
- .4 ____ Shortages are identified and replacement actions are taken.
- .5 ____ Decontamination equipment (mops, brooms, shovels, rags, etc.) and bulk decontaminates are assembled and prepared for ready transport to a decontamination area.
- .6 ____ Decontamination equipment is prepared for use.
- .7 ____ MOPP level is established by the supported unit and AAV personnel are at or above required MOPP level.
- .8 ____ Company/Platoon commanders are able to utilize the appropriate detectors and report the readings to higher headquarters.
- .9 ____ Unit leaders thoroughly understand MOPP for the control of exposure of personnel to chemical hazards.
- .10 ____ Marines properly identify NATO or threat NBC contamination
- .11 ____ Maximizes the utilization of terrain features for cover, concealment, and topographic shielding from NBC attack.

EVALUATOR INSTRUCTIONS: Provide the unit information to expect an imminent nuclear attack by the enemy, and integrate NBC scenarios with normal missions. Evaluator(s) should be school trained in the area of NBC defense (MOS 57XX) or be thoroughly trained in this area as part of evaluators' school.

KEY INDICATORS: None

TASK: 10A.05.02 PREPARE FOR NUCLEAR ATTACK

CONDITION(S): AAV unit is informed that nuclear weapons have been used of in the theater of operations.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Subordinate/Displaced elements are alerted (if applicable).
- .2 ____ Continues the mission while implementing actions to minimize casualties and damage.
- .3 ____ Unit implements protective measures, as directed by higher command element, consistent with the mission.
- .4 ____ Personnel minimizes exposure by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a
- .5 ____ Personnel take cover in fighting holes, bushes, armored vehicles, existing shelters (basements, culverts, caves,
- .6 ____ External electronic equipment is protected from Electromagnetic Pulse (EMP) and Transient Radiation Effects on
- .7 ____ Periodic monitoring is initiated using the appropriate radiac
- .8 ____ Vehicles are placed behind masking terrain.
- .9 ____ All loose items, flammable/explosive items, food and water, which are not stored in AAVs, are secured and protected from
- .10 ____ Marines are familiar with standard first aid procedures to provide self/buddy aid for nuclear blast and thermal effects.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: Turn all electronic equipment off in accordance with SOP.

TASK: 10A.05.03 RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK

CONDITION(S): Nuclear attack is simulated by the detonation of an simulator or by other appropriate means.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Upon recognizing the attack, all personnel take immediate action to shield themselves from blast/heat of detonation.
- .2 ____ Chain of command and communications are maintained or reestablished. AAVs resume mission, if possible.
- .3 ____ NBC-1 initial and follow-up reports, as required, are rapidly submitted to the supported command element by personnel designated or responsible for collecting the information. Reliable and complete reports are rapidly forwarded by secure
- .4 ____ Casualties are given first aid and are evacuated to a medical treatment station as the mission permits; fatalities are evacuated to a graves registration collection point.

ENCLOSURE (1)

- .5 ____ Damage assessment is submitted by secure means to the supported headquarters per SOP.
- .6 ____ Continuous monitoring is initiated using the appropriate

EVALUATOR INSTRUCTIONS: Evaluator will assess constructive casualties due to blast, heat, radiation, and ElectroMagnetic Pulse (EMP). EMP casualties will be assessed by the evaluator for all communications systems (antennas, receivers/transmitters) that are exposed (not in a covered or hardened location/vehicle) during the simulated nuclear detonation.

KEY INDICATORS: None.

TASK: 10A.05.04 RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR BLAST

CONDITION(S): A surface nuclear detonation has occurred. The AAV unit within the predicted fallout zone. An M5A2 radiological fallout predictor, or substitute, is available. The unit gets effective downwind messages at least once every 12 hours. NBC-2 report is furnished to the unit about 15 minutes after the detonation or prepared by the unit; NBC-3 report is prepared by the unit within 15 minutes after the detonation; NBC-5 report and/or contamination overlay is provided about four hours after the detonation.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Unit mission is performed concurrently with all other actions.
- .2 ____ Unit is advised of estimated time of fallout arrival, and subordinate units are notified.
- .3 ____ Continuous monitoring is maintained using the appropriate
- .4 ____ Equipment, munitions, Petroleum, Oil, and Lubricants (POL), food, and water are protected from fallout.
- .5 ____ Personnel takes protective measures to minimize fallout
- .6 ____ NBC-4 reports are forwarded, as required, to the supported command element by secure means.
- .7 ____ Unit total dose information is measured using the appropriate radiac equipment and reported to the supported command element using available secure means.
- .8 ____ Exposure is minimized while the command element determines if relocation to a clean area is necessary.
- .9 ____ Personnel are able to handle and provide first aid treatment to casualties in a nuclear environment.
- .10 ____ Casualties and fatalities are assessed.
- .11 ____ Vehicles are assessed for damage.

ENCLOSURE (1)

- .12 ____ Determine Operational Exposure Guidance (OEG). Unit conducts survey mission as required and forwarded NBC-4 reports, and completed detailed fallout prediction.

EVALUATOR INSTRUCTIONS: Commander is advised of estimated time of fallout arrival.

KEY INDICATORS:

PERSONNEL PROTECTIVE MEASURES

Personnel take the following measures to minimize fallout effects:

- Place a wet cloth across mouth and nose.
 - Make the AAV as air tight as possible.
 - Utilize outer garments, such as ponchos, to the maximum extent possible.
 - Keep the inside of the vehicle as clean as possible.
-

TASK: 10A.05.05 PERFORM RADIOLOGICAL DECONTAMINATION

CONDITION(S): Fallout has ceased, and personnel and equipment are hazard to personnel do not allow time for the radiation to decay to a minimum level. Time and tactical situation permits operational decontamination. Decontamination support is not available.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Decontamination priorities are established.
- .2 ____ A operational decontamination point is established out of the contaminated area.
- .3 ____ Movement to the decontaminated site is controlled and is
- .4 ____ Decontamination personnel wear appropriate protective clothing and equipment.
- .5 ____ Decontamination equipment and vehicles using appropriate expedient devices.(KI)
- .6 ____ Contaminated area is marked with NATO standard NBC markers.
- .7 ____ Adequacy of decontamination is determined utilizing the appropriate radiac equipment.
- .8 ____ Contaminated materials are discarded according to tactical SOP, marked as contaminated, and location is provided to
- .9 ____ Decontamination personnel are decontaminated, as necessary.
- .10 ____ Operational Exposure Guidance (OEG) is not exceeded.

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- .11 ____ Total dose information for the operational decontamination area is recorded and reported utilizing the appropriate radiac equipment to higher headquarters.
- .12 ____ Runoff from decon site is controlled, and location of decon site is reported to higher headquarters.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

EXPEDIENT DECONTAMINATION

The rule of thumb for expedient decontamination is wet on wet and dry on dry. If the contaminant is wet, utilize buckets of water or if possible, splash the AAVs into a body of water. If the contaminant is dry, simply brush it off the vehicles and personnel.

TASK: 10A.05.06 CROSS A RADIOLOGICALLY CONTAMINATED AREA

CONDITION(S): The tactical situation forces the AAV unit to cross a contaminated area.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Reconnaissance element is provided the turnback dose rate.
- .2 ____ Reconnaissance element is dispatched to reconnoiter new area.
- .3 ____ Unit crosses expected contaminated area while employing contamination avoidance techniques.
- .4 ____ Operational Exposure Guidance (OEG) is not exceeded.
- .5 ____ After clearing the contaminated area, the degree of personnel and equipment contamination is determined, using the
- .6 ____ Decontamination priorities are established and performed, as
- .7 ____ Unit total dose information is recorded, using, appropriate radiac equipment and reported to higher headquarters.

EVALUATOR INSTRUCTIONS: The evaluator will provide the AAV unit with turnback and dose rates, if higher headquarters does not provide it.

KEY INDICATORS: None.

TASK: 10A.05.07 PREPARE FOR A FRIENDLY NUCLEAR STRIKE

CONDITION(S): Unit receives a friendly nuclear STRIKWARN per FM 21-40, 6-15. The AAV unit is within Minimum Safe Distance (MSD) 2 to 3.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Applies the STRIKWARN to the situation map within 5 minutes after message receipt.
- .2 ____ Pertinent information regarding the planned detonation (time of burst, ground zero, fallout coverage, MSD, etc.) is
- .3 ____ Unit is advised of its' vulnerability to the burst (within MSD 1, 2 or 3) and residual contamination (within predicated
- .4 ____ Unit is advised of the measures needed to prevent casualties, damage, and extended interference with the mission.
- .5 ____ Unit implements protective measures, as directed by higher headquarters, consistent with the mission.
- .6 ____ Personnel minimizes exposure by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a
- .7 ____ Personnel take cover in fighting holes, bunkers, armored vehicles, existing shelters (basements, culverts, caves, tunnels, etc.), or lie prone on open ground.
- .8 ____ Vehicles are placed behind making terrain.
- .9 ____ External electronic equipment is protected from Electromagnetic Pulse (EMP) and Transient Radiation Effects on
- .10 ____ All loose items (small weapons, tools etc.) and highly flammable/explosive items (POL, propellants, etc.) are placed
- .11 ____ Acknowledges the warning before the expected time of burst.
All attachments have been warned and protective measures

EVALUATOR INSTRUCTIONS: Evaluator simulates nuclear detonation with an artillery blast simulator, or informs the unit that nuclear blast has occurred. Evaluator assesses casualties and damage to unprotected personnel and equipment.

KEY INDICATORS: Turn off all electronic equipment in accordance with unit SOP.

TASK: 10A.05.08 PREPARE FOR CHEMICAL AGENT ATTACK

CONDITION(S): AAV unit is informed that chemical weapons have been used of operations and that a chemical attack is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Uses a chemical defense SOP which addresses chemical defense/decontamination procedures.
- .2 ____ All elements, if applicable, are directed to increase MOPP consistent with mission, temperature, work rate, and

ENCLOSURE (1)

- .3 ____ Mission-essential tasks that require a high degree of manual dexterity or physical strength, and are difficult to perform in MOPP 4 are identified. Alternate methods, such as allowing more time, rotating, or assigning additional personnel, are
- .4 ____ Marines identify criteria for and demonstrate the capabilities for donning the protective mask and chemical protective
- .5 ____ The buddy system is established to facilitate monitoring/treatment for chemical agent poisoning and
- .6 ____ Continues the mission while implementing all actions to minimize casualties and damage.
- .7 ____ Portions of essential equipment, munitions, POL, food, and water supplies that cannot be placed in a shelter are covered with expendable or readily decontaminated tarps, shelter
- .8 ____ Detector paper is affixed to visible, horizontal surfaces of protective clothing and on equipment, munitions, etc.
- .9 ____ Decontamination kits are checked, individuals have complete decontamination kits and there is an available water source
- .10 ____ Potential decontamination sites are reported to higher
- .11 ____ Available chemical agent alarms are set up and monitored.
- .12 ____ Protective NBC equipment and supplies are properly used and maintained in a high state of serviceability.
- .13 ____ Marines demonstrate a knowledge of chemical agent symptoms.
- .14 ____ Radio operators pass and receive alter/warning messages via headset while wearing the protective mask.
- .15 ____ Establish an identification system while in MOPP.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10A.05.09 RESPOND TO A CHEMICAL AGENT ATTACK

CONDITION(S): AAV unit is subjected to a chemical agent attack.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Upon hearing a chemical alarm, personnel take immediate protective measures, and pass the alarm followed by treatment/decontamination of casualties.

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- .2 ____ Personnel automatically mask upon notification of any enemy artillery, rocket, or air attack/over flight or upon perceiving a suspicious odor, airborne droplets/mist, or smoke
- .3 ____ Marines do not unmask until given the command "UNMASK" by their immediate commander. (KI)
- .4 ____ AAV unit is able to perform mission for at least four hours while in MOPP 4.
- .5 ____ Type of chemical agent is identified utilizing the M256 kit can or M8 paper, and reported to the supported unit.
- .6 ____ Contamination is located and marked with NATO standard
- .7 ____ Location and type of contamination is reported to the supported command element.
- .8 ____ Unit determines if immediate relocation to a clean area is necessary or possible, consistent with the mission.
- .9 ____ Priorities are determined for decontamination. Decontamination support is requested, if required.
- .10 ____ WIAs are decontaminated, wrapped, and marked as contaminated if decontamination is not performed, and evacuated. Medical treatment facilities are alerted.
- .11 ____ KIAs are wrapped, marked as contaminated, and evacuated as mission permits. Graves registration collection point is
- .12 ____ Unmasking procedure is followed.
- .13 ____ WIAs are evacuated to the medical treatment facility as
- .14 ____ KIAs are evacuated to the graves registration collection point as mission permits.
- .15 ____ Detector kits are serviced and returned to operation.
- .16 ____ Expended chemical defense items are replaced, as required.
- .17 ____ CO/OIC adjusts MOPP level, as required.
- .18 ____ Unit personnel are able to handle and provide first aid treatment to casualties in a chemical environment.

EVALUATOR INSTRUCTIONS: Training site should support the type of activities being conducted and permit safe use of simulators and devices. Selected personnel are presented decontamination training kits and first aid treatment training devices to "treat designated casualties". Every attempt must be made to provide a realistic situation through devices, scenarios, or other aids developed through innovation. The key to a thorough evaluation is a realistic, believable, well-supported situation imposed by the trainer/evaluator.

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KEY INDICATORS:

CHEMICAL CASUALTIES

Chemical casualties are described as:

- Personnel without mask and hood within arms reach, without decontamination kits, or not wearing chemical protective clothing.
- Personnel not taking immediate corrective actions upon perceiving the attack, hearing a chemical agent alarm, being ordered to mask, or using incorrect masking procedures (not masking within nine seconds), or making incorrect use of decontamination kits/first aid treatment items.
- Marines who unmask or otherwise assume a lesser degree of MOPP without being authorized to do so.

UNMASKING PROCEDURES

The unmasking procedures outlined below are to be initiated after being notified to do so by higher headquarters or the immediate commander. They show procedures to be used with and without the M256 chemical agent detector kit.

1. Initiate unmasking when a detector kit is available:

- a. Use the detector at different points in the perimeter to determine the presence of chemical agents.
- b. If no agent is detected the senior Marine present will designate two or three individual Marines to unmask for five minutes and then remask for 10 minutes. This is to be done in the shade. Weapons are removed from individuals prior to unmasking.
- c. If no symptoms appear, unmasking unit will accomplish this by 1/3 on the unit intervals. However, they remain alert for symptoms.

2. When no detector kit is available, the following unmasking procedures will be adhered to:

- a. Two or three Marines take a deep breath, hold it, keep their eyes open, break the seal on their masks and hold the masks open for 15 seconds.
- b. With masks resealed and cleared, the Marines are checked for symptoms for the next 10 minutes. This occurs in the shade.
- c. If no symptoms appear, the same Marines break the seal of their masks, take two or three deep breaths, then clear and reseal their masks. Weapons are removed from the individuals prior to unmasking.
- d. If after 10 minutes no symptoms have appeared, the same Marine unmask for five minutes, and then remask.
- e. If after 10 more minutes no symptoms have appeared, the rest of the unit may unmask. However, they remain alert for symptoms.

NOTE: After each unmasking, always notify higher headquarters.

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TASK: 10A.05.10 PERFORM OPERATIONAL DECONTAMINATION

CONDITION(S): Personnel and equipment have been contaminated by a Emergency decontamination has been accomplished. Time is not available for complete decontamination. The hazard is such that operational decontamination is required. All personnel are maintaining a maximum MOPP.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Personnel decontaminate individual weapons and equipment using appropriate decontamination kits.
- .2 ____ Extent of decontamination is determined and decontamination priorities are established.
- .3 ____ Contaminated protective covers are removed, decontaminated, or
- .4 ____ Decontamination procedures are appropriate to items being decontaminated. (KI)
- .5 ____ Conducts, operational decontamination of equipment and vehicles using appropriate expedient devices.
- .6 ____ Adequacy of decontamination is determined. If inadequate:
 - a. Procedures are repeated.
 - b. Decontamination support is requested.
 - c. Risk of using equipment is accepted.
- .7 ____ Contaminated materials are discarded according to tactical SOP, marked as contaminated, and location provided to higher
- .8 ____ OIC reduces MOPP level, if required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DECONTAMINATION PROCEDURES

1. Initial decontamination of unit equipment, vehicles, and crew-served weapons may be accomplished by:
 - a. Removing all gross liquid contamination with sticks or other improvised devices which are buried after use.
 - b. Apparatuses filled with the appropriate decontamination agents to spray areas frequently used or touched. (Water is used to simulate DS2 in a training environment)
2. Contaminated items that may need special decontamination treatment are:
 - a. POL, food, and water containers and munitions. These are washed with soapy water, rinsed, and thoroughly air dried.

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b. Communications equipment and other electronic equipment. Decontaminated with hot air, by weathering, or all metal parts are wiped with rags soaked DS2 (water is used for training purpose).

c. Optical instruments are blotted with rags and then wiped with lens cleaning solution or organic solvent.

3. Adequacy of decontamination is determined using the chemical agent detector it. If contamination is still present, decontaminate again.

4. Operational decontamination procedures can be developed in the vehicle wash down phase and the MOPP gear exchange phase.

a. Vehicle wash down phase: Vehicle washdown should be completed within an hour for best results. If available, the most expedient manner for AAVs would be to "splash" a body of water such as a river or the ocean. The tactical situation may require a decontamination apparatus be requested from higher headquarters.

b. MOPP gear exchange phase: MOPP gear exchange is the exchange of protective clothing as soon as the tactical situation permits or within 6 hours of being contaminated. Proper security must be arranged. The buddy system is utilized. The area needs to be continually checked to be sure it is free of contamination. Once unmasking procedures have been completed, personnel may unmask to provide relief from the MOPP IV posture.

TASK: 10A.05.11 COORDINATE FOR THOROUGH DECONTAMINATION OF EQUIPMENT

CONDITION(S): AAV unit equipment has been contaminated by a chemical decontamination has been accomplished. Time is now available for a thorough decontamination and support is available upon request.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Coordination is made with the decontamination unit as to time of arrival, supplies, equipment, and personnel to be furnished by the contaminated unit, and the estimated time of completion
- .2 ____ Requests and receives route clearance to Detailed Troop Decontamination/Detailed Equipment Decontamination (DTD/DED) assembly area. Advance party (personnel to augment decontamination operation and establish security) is
- .3 ____ Main body arrives at DTD/DED assembly area and organizes for
- .4 ____ Decontamination begins as scheduled.
- .5 ____ Unit reorganizes in a clean area upwind of residual contamination and prepares for resumption of mission.
- .6 ____ CO/OIC adjusts MOPP level, as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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SECTION 10B

ASSAULT AMPHIBIAN COMPANY

ENCLOSURE (1)

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ENCLOSURE (1)

MPS 10B.01 - ASSIGNMENT TO SUPPORT OPERATIONS

TASK: 10B.01.01 CONDUCT INITIAL PLANNING

CONDITION(S): The AAV company is given the mission to support tactical either as an attached unit or in direct support.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV company commander immediately reports to the supported commander for planning as a special staff officer.
- .2 ____ Conducts analysis of supported unit's mission as part of staff
- .3 ____ Company staff demonstrates effective use of planning time.
- .4 ____ Obtains intelligence data from supported unit on the enemy, the area of operation, and the weather.
- .5 ____ Conducts Intelligence Preparation of the Battlefield (IPB) as special officer to include detailed threat and terrain analysis (maximize use of all available intelligence)
- .6 ____ Incorporates Operational Risk Management (ORM) into planning.
- .7 ____ Assists in the development of courses of action as special staff officer. (KI)
- .8 ____ Develops an AAV estimate of supportability as part of course of action development.
- .9 ____ Issues a warning order to subordinate.
- .10 ____ Conducts a leaders reconnaissance with both the supported unit and other supporting element leaders to ensure AAVs are fully integrated into the supported unit's plan.
- .11 ____ As special staff officer, AAV commander develops appropriate plans after supported commander selects course of action.
- .12 ____ AAV company commander attends the issuance of the supported unit's five paragraph order.
- .13 ____ AAV unit commander issues an operations order.
- .14 ____ AAV Company CO establishes procedures and reports all changes in combat readiness to the supported unit and parent unit, if
- .15 ____ Company staff coordinates all maintenance, recovery, and logistic requirements of AAV unit and establishes appropriate support arrangements. (KI)
- .16 ____ Company coordinates with the supported unit's communications officer to ensure frequencies are allocated that and the AAV unit possess the correct key lists, edition numbers, Net IDs, and FH data

ENCLOSURE (1)

EVALUATOR INSTRUCTIONS: The focus of this task is on the AAV company commander as he fulfills his basic responsibilities to the supported unit. The evaluator should note that some of the requirements are one time actions and some are repetitive actions that will reoccur as the tactical situation changes.

KEY INDICATORS:

TIME MANAGEMENT

Ensure commanders allocate 2/3 of available time for planning and preparation by subordinate units. Time is allocated at all levels. In order to fulfill requirements, commanders manage available time to ensure that appropriate rest (sleep) periods are available (tactical situation permitting) in order to ensure that peak efficiency and alertness is maintained.

OPERATIONAL RISK MANAGEMENT (ORM)

Ensure commanders utilize the five step ORM process, per MCO 3500.27 in their planning which includes: identify hazards, assess hazards, make risk decisions, implement controls, and supervise.

TYPES OF SUPPORT

Ensure that the type of support to be provided is determined for logistical purposes. In direct support, the parent unit is responsible for logistical needs. If attached, the supported unit is responsible for logistical needs. The third category, general support, denotes that the AAV unit is supporting the entire force without priority to any given element. In general support, the parent command retains command, control and logistics responsibility. The support arrangements must feasibly support the mission and address all equipment organic to the unit.

ROUTES/AXIS OF ADVANCE

Ensure that routes to be followed are carefully analyzed to include the following factors:

- Cover and concealment.
- Overwatch positions.
- Likely enemy ATGM and armor positions.
- Areas requiring dismounted occupation before exposing.
- Suitable approaches to objectives, withdrawal routes, and natural barriers/obstacles.
- Minefields and obstacles.
- Bridges and river crossing sites.
- Dust signature areas and rubble in built-up areas.

TASK: 10B.01.02 RESPOND TO SUPPORTED UNIT

ENCLOSURE (1)

CONDITION(S): The AAV company is assigned the mission to support The mission requires the capability to launch from ship-to-shore and/or operate on land.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV company provides input from the AAV unit SOP for mechanized and waterborne operations.
- .2 ____ Company staff complies with the supported unit's operation
- .3 ____ Company responds immediately to orders issued by the supported unit command element.
- .4 ____ Company enters tactical and command nets of the supported unit command element per the operations order.
- .5 ____ Company staff provides input to the supported unit, consistent with changing tactical requirements concerning AAV
- .6 ____ Company submits operational reports, per the operations order in a timely manner.

EVALUATOR INSTRUCTIONS: The evaluator determines when the AAV company received a copy of the supported unit's operations SOP.

KEY INDICATORS: None.

TASK: 10B.01.03 COORDINATE INTELLIGENCE FUNCTIONS

CONDITION(S): The AAV company is assigned the mission to support The supported unit has an S-2 section fully capable of providing intelligence support to the unit.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company uses proper procedures for handling and safeguarding intelligence matters, and addresses interoperability with
- .2 ____ Company staff stresses intelligence awareness for all assigned personnel. (KI)
- .3 ____ Company staff ensures intelligence information is disseminated to subordinate elements.
- .4 ____ Company is aware of the supported unit's Essential Elements of Information (EEIs).
- .5 ____ Company knows the procedures to be used in handling EPWS (See Task 10E.5.10 PROCESS PRISONERS OF WAR).

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

KEY INDICATORS:

INTELLIGENCE AWARENESS

Intelligence awareness includes:

- Knowledge of the collection means available, both friendly and enemy.
 - Understanding of intelligence capabilities and limitations.
 - Emphasis on OPSEC at all levels.
 - Rapid reporting of raw combat information.
 - Exploitation of information gleaned from EPWS.
 - Development of relevant EEIs and OIRs.
-

TASK: 10B.01.04 COORDINATE COMMUNICATIONS PLANNING

CONDITION(S): The AAV company is assigned the mission to support The supported unit is conducting communications planning for all elements. The enemy has the ability to conduct ESM and ECM operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company commander ensures coordination with supported unit's communications officer.
- .2 ____ Company staff identifies all communications nets required.
- .3 ____ Company staff ensures an adequate number of frequencies are
- .4 ____ Company commander or representative plans for communications redundancy, simplicity, and brevity.
- .5 ____ Company commander or his representative plans for the use of communications procedures contained in the supported unit's SOP or prearranged signals and other visual means which allow
- .6 ____ Company identifies any interoperability problems.
- .7 ____ Commander stresses communication security awareness for all
- .8 ____ Company staff ensures the communications plan reflects secure voice equipment, correct key lists and edition numbers, and verifies the AAV unit has them.
- .9 ____ Company stresses use of wire communications when appropriate in static or defensive positions.
- .10 ____ The company staff provides the supported unit's staff and communications personnel with AAV-7A1 briefing/training.

ENCLOSURE (1)

- .11 ____ Company personnel demonstrates a knowledge of alternate communications methods. (KI)

EVALUATOR INSTRUCTIONS: None

KEY INDICATORS:

ALTERNATE COMMUNICATIONS

The company personnel must:

- Demonstrate awareness of communications capabilities and limitations during planning.
- Have the equipment and skill to erect expedient antenna systems, utilize hand/arm signals, and lay wire when appropriate.
- Have full cognizance of communications security importance.

TASK: 10B.01.05 COORDINATE LOGISTICS PLANNING

CONDITION(S): The AAV company is assigned in direct support of tactical The mission requires the capability to launch from ship-to-shore and/or operate on land during all periods of visibility. The supported unit OpOrd calls for full use of AAV company assets.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV company commander ensures liaison with the supported unit's S-4 immediately upon receipt of the mission.
- .2 ____ The AAV company commander, or his representative, identifies AAV Combat Service Support (CSS) requirements to the supported unit S-4 or parent unit during the planning phase.
- .3 ____ Coordinates prescribed loads established by the supported
- .4 ____ The AAV company commander ensures vehicle recovery procedures are established.
- .5 ____ The company commander determines availability of AAV company logistics and support vehicles, and informs the supported unit or parent unit, as required. (KI)
- .6 ____ The company staff ensures emergency resupply procedures are
- .7 ____ The company commander determines which CSS reports are required and submits them as designated.
- .8 ____ Liaison is established with the MAGTF CSS element, or parent command, as required for higher level logistic support requirements not within the capability of the supported unit.

ENCLOSURE (1)

- .9 ____ The company staff establishes a system to rapidly and correctly identify required repair parts and the procedures to request them through the appropriate supporting unit.

EVALUATOR INSTRUCTIONS: Evaluator examines the company performance throughout all phases of operations.

KEY INDICATORS:

LOGISTIC SUPPORT

Ensure the AAV unit SOP covers:

- Procedures for requesting support when in either a general or direct support role.
- Request formats.
- Standardized loads for resupply.
- Specific procedures for recovery operations.
- Procedure for third echelon maintenance under field conditions.
- Procedure for replacement of major end items.
- Ensure the supported unit is briefed on logistic requirements:

Support requirements include:

- Equipment density list with all assets submitted.
- AAV unit logistics availability to include equipment status, PEB Class 9 parts, and expendable materials on hand. Additional consideration should be given to Equipment Repair Order (ERO)/ERO Shopping List (EROSLs), publications, calibration, and preventive maintenance schedules.

TASK: 10B.01.06 CONDUCT COMBAT REPORTING

CONDITION(S): The AAV company is assigned in direct support of tactical The supported unit's SOP and OpOrd contain the required reports and their submission times. Additional logistic and/or administration reports may be required by the AAV company's parent organization.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company submits reports per the supported unit's
- .2 ____ The type report, format, and submission requirements are understood by company staff.
- .3 ____ AAV unit SOP details any additional reports required to the parent organization.
- .4 ____ All required reports are submitted on time and are complete.

ENCLOSURE (1)

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EVALUATOR INSTRUCTIONS: Evaluator obtains a full listing of all required reports prior to initiation of his evaluation of the unit, and ascertains that the supported unit requirements were available.

KEY INDICATORS:

REPORTS CONTROL:

Ensure OpOrd SOP stress brevity and include the following:

- Time of submission of required reports.
- Reports are submitted on "as required" basis.
- Report formats permit "exception only" reporting to facilitate brevity.
- Method of submission for reports and alternate means.

ENCLOSURE (1)

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MPS 10B.02 - AMPHIBIOUS OPERATIONS

TASK: 10B.02.01 CONDUCT PLANNING

CONDITION(S): The AAV company is in direct support of a ground unit mission to conduct an amphibious assault. The AAV company has begun detailed planning.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company commander reports to the supported unit commander, attends the initial briefing, and receives the commander's
- .2 ____ The company staff performs an analysis of the supported unit
- .3 ____ The company commander or his representative requests intelligence information, serial photography, and any special topographic products from the S-2.
- .4 ____ The AAV commander, or representative, conducts an analysis of the landing beaches to include: hydrography, prevailing surf conditions, tides and currents, trafficability of the beach, exits, and the number, type and strength of enemy beach
- .5 ____ The company commander, as a special staff officer, conducts Interoperability Planning System to include detailed analysis of threat, terrain, and surf utilizing all available intel
- .6 ____ The company commander prepares an AAV estimate of
- .7 ____ The company commander assists the supported unit in the preparation of planning documents.
- .8 ____ The company commander makes recommendations on AAV utilization during the ship-to-shore movements to include formations, tactics and techniques, timing of AAV waves, mine clearance, and transit plan of AAVs through cleared lanes.
- .9 ____ The company commander coordinates AAV participation during the conduct of rehearsals.
- .10 ____ The company commander coordinates the details of organization and embarkation of AAVs to various classes of shipping.
- .11 ____ All aspects of AAV employment are coordinated with naval control groups and ATF ships involved.
- .12 ____ Company staff determines maintenance requirements for AAVs, to include recommended system for maintenance, location of maintenance personnel and equipment, phasing ashore of spare parts, and estimates of breakdown rates.
- .13 ____ The company staff determines requirements of AAVs for fuel, oil, and other lubricants during operations ashore, and coordinates them with the supported unit S-4 and parent command.

ENCLOSURE (1)

- .14 ____ The company coordinates for the employment of signals, marking devices, Global Positioning System, etc., for AAV control during night landings and operations ashore (e.g.
- .15 ____ The company commander ensures enforcement of safety requirements for embarking in AAVs and recommends safety training programs for the unit to be embarked.
- .16 ____ The company commander plans for the assignment of AAV company liaison personnel to the CSSE, as required.
- .17 ____ The company commander plans with subordinate personnel for rehearsal of infantry embarking aboard AAVs while on ship.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

MISSION ANALYSIS

Ensure that the AAV company commander's analysis of the mission includes:

- The effect of hydrography/terrain on the employment of AAV support.
- AAV company ability to facilitate accomplishment of assigned mission.
- The need for any special support.

TASK: 10B.02.02 PREPARES FOR EMBARKATION

CONDITION(S): The AAV company is tasked to support an amphibious embarkation plan is being developed by the supported unit based on the scheme of maneuver and loading plan.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV representatives attend planning conferences, as directed.
- .2 ____ Company commander advises supported commander on shipping requirements and recommends methods of embarkation.
- .3 ____ Company commander/staff completes required embarkation documentation and submits those tables in a timely manner.
- .4 ____ Preparations for the embarkation of AAVs is completed prior to the arrival of assault shipping.
- .5 ____ The company commander ensures the proper loading of AAVs in the correct sequence aboard assault shipping.

EVALUATOR INSTRUCTIONS: The evaluator must be familiar with the various documents required for the completion of the embarkation plan contained in FMFM 4-2, Amphibious Embarkation.

ENCLOSURE (1)

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KEY INDICATORS:

PLANNING CONFERENCE

Ensures that planning conferences include:

- Embarkation of vehicles and crews.
 - Embarkation of command, maintenance, and communication personnel requested to support vehicle commitments.
 - Loading of supplies and equipment such as fuel, ammunition (both smoke and antipersonnel), and repair parts to support embarked vehicles.
-

TASK: 10B.02.03 EMBARK AAVS

CONDITION(S): Planning conferences have been completed, and the AAV embarking ATF shipping with infantry personnel on board the AAVs.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAV company commander ensures surf report has been submitted per AAV unit SOP.
- .2 ____ Company commander ensures all safety procedures are briefed
- .3 ____ Company commander ensures that positive communication with the Privacy Control Ship (PCS) is established.
- .4 ____ Company staff ensures that prewater operation checklists are submitted prior to splashing.
- .5 ____ Company commander ensures rescue vehicles are designated.
- .6 ____ Positive control and communication is maintained by the AAV commander or designated personnel.
- .7 ____ Company staff ensures loading is completed as coordinated with the ATF representatives at the planning conference.
- .8 ____ Crew chiefs ensure AAVs are tied down with appropriate devices on board ship.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

RESCUER VEHICLES

Ensure that while all vehicles are potential rescue vehicles and that there is an AAV designated as the primary recycle vehicle.

TASK: 10B.02.04 PREPARE FOR DEBARKATION

ENCLOSURE (1)

CONDITION(S): Embarked aboard ATF shipping, AAV company has completed rehearsals, and the landing plan has been adjusted and promulgated in its final form. The Command Amphibious Task Force (CATF) has imposed Emission Control (EMCON).

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV company commander conducts surf analysis based on latest
- .2 ____ Company conducts final preparation under EMCON.
- .3 ____ AAV company commander coordinates with ATF representatives on conduct of AAV launch. (KI)
- .4 ____ AAV company personnel are briefed and prepared to conduct AAV
- .5 ____ AAV company commander ensures embarkation rehearsals and safety briefs with embarked infantry are conducted per the AAV

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

COORDINATION PREPARATIONS

Ensure that AAV company commander discusses the following with the naval representatives and the AAV crews:

- | | |
|---------------------------------------|-------------------------|
| - Type of launch | - Launch internal |
| - Weather, sea and tidal conditions | - Launch sequence |
| - Prelaunch warm up time and sequence | - Ballast conditions |
| - Time for undogging AAVs | - Hand and arm signals |
| - Assignment of boat teams to AAVs | - Flag and flashing |
| - Time to load man AAVs | light signals |
| - Staging AAVs | - Frequencies and call |
| - Time to launch | signs |
| - Launch signals | - Designation of wave |
| - Barriers | guides and commanders |
| - Radio checks per EMCON conditions | - Naval Control Group |
| - Beach characteristics | command and control |
| - Boat lane location | - Recovery of disabled |
| - Multiple vehicle launches from | vehicles |
| a single ship | - Transfer of personnel |
| - Simulates launches from multiple | - Signals for emergency |
| ships | lifting of NGF |
| - Vent fans on prior to AAV starts | - Stalled vehicle |
| | procedures in well deck |
| | - Magnetic compass |

TASK: 10B.02.05 CONDUCT DEBARKATION AND SHIP-TO-SHORE MOVEMENT

CONDITION(S): AAV company has completed debarkation from naval ships and proceeding toward the assigned beaches.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAVs complete debarkation in sequence per published time
- .2 ____ AAV company forms into waves per the landing plan. (KI)
- .3 ____ AAV company maintains internal communications with the Primary Control Ship (PCS). (KI)
- .4 ____ AAV company maintains internal communications per unit SOP.
- .5 ____ Proper interval between AAVs is maintained per AAV unit SOP.
- .6 ____ Line Of Departure is crossed per the landing plan.
- .7 ____ Emergency operations/vehicle recoveries are conducted per AAV
- .8 ____ AAV wave commanders control maneuver and maintain the formation within the wave utilizing the grid reference system
- .9 ____ Smoke is utilized for screening, if required.
- .10 ____ If attached to the AAV company, the AAV company commander Controls the sequence and employment of mine clearance
- .11 ____ Company commander controls movement of AAVs through cleared

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

LANDING PLAN

The landing plan is the plan of the supported unit commander for landing his troops, equipment, and supplies in the proper formations, on the assigned beaches and landing zones, and at the times dictated by the scheme of maneuver. It provides for the control afloat of landing craft, AAVs, helicopters, and floating dumps. Normally, the landing force landing plan is prepared as Appendix 3 (Landing Plan) to Annex B (Amphibious Operations) of the operations order. The documents/tables which deal with the troops and their equipment are included as tabs to the landing plan. The plan for landing supplies is contained in the appendix to the CSS plan. The AAV element commander prepares or helps to prepare the amphibious vehicle assignment table, the serial assignment table, the amphibious vehicle availability table, the amphibious vehicle employment plan, assault schedule, and the landing diagram.

ASSAULT SCHEDULE

The assault schedule prescribes the formation, composition, and timing of waves to be landed over the beaches. Both scheduled and nonscheduled waves are covered. Planning starts at the BLT level. BLT commanders determine the formation and composition of their respective waves; scheduled and on call. The AAV commander provides input to the Battalion Landing Team commander and naval operations personnel on the PCS ship during the preparation of the assault schedule.

ENCLOSURE (1)

LANDING CRAFT AND AMPHIBIOUS VEHICLE ASSIGNMENT TABLE

The landing craft and amphibious vehicle assignment table depicts the organization of troop units into boat teams and the assignment of boat teams to waves or to a serialized element of a nonscheduled wave. It is prepared by the commanding officer of troops of each ship. The AAV commander advises supported commanders and staffs with respect to vehicle capacity and methods of employment. AAV platoon commanders on each ship assist in the preparation of this document.

SERIAL ASSIGNMENT TABLE

A serial is a group of troop units, supporting units, and equipment embarked on the same ship and which, for tactical or logistical reasons, are to be loaded on a specified beach at approximately the same time. The serial assignment table shows the following in tabulated form:

- Serial number.
- Title of unit.
- Approximate number of personnel in the serial.
- Material, vehicles, and equipment in the serial.
- Number and type of AAVs or landing craft required to transport.
- Ship on which the serial is embarked.
- Remarks to include the landing category, designated wave, on call wave, or nonscheduled unit. Such remarks aid in rapid identification and location of the serial by control agencies.

LANDING SEQUENCE TABLE

Detailed plans for the ship-to-shore movement of nonscheduled units are set forth in the landing sequence table. It is used by troop and naval agencies as the principal document in executing and controlling the movement of nonscheduled units. The completed table forms the basis for embarkation and loading plans of the units concerned. The AAV unit commander advises as to which vehicle best meets the landing force requirement, where it would be best embarked, and other considerations pertaining to AAV employment.

LANDING DIAGRAM

The landing diagram is the graphic means to illustrate the plan for ship-to-shore movement of the scheduled waves of an assault unit. Each AAV is identified by two numbers: the first indicating the wave; the second, the position of the vehicle in the wave. The unit commander prepares or assists in the preparation of this document.

WAVE CONTROL

The AAV company commander/wave commander maintains communications with the Primary Control Ship (PCS) and with the AAVs in the wave. The AAV commander controls the wave to ensure it crosses the LOD on time, proceeds down the boat lane and touches down on time.

ENCLOSURE (1)

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MPS 10B.03 - SUBSEQUENT OPERATIONS ASHORE

TASK: 10B.03.01 PREPARE TO OCCUPY AN ASSEMBLY AREA

CONDITION(S): The AAV company is ordered to report to the supported unit assembly area. The movement can be conducted under any light conditions. The company is required to be task organized upon arrival in the assembly area and to be ready to embark Marines, their weapons, ammunition, and equipment.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV Company Commander task organizes and assigns AAVs to units to be supported; provides their tentative locations and numbers or troops, weapons, ammunition, and supplies to be
- .2 ____ AAV Company Commander task organizes logistics element and coordinates resupply means.
- .3 ____ Company staff considers OPSEC measures during the planning of
- .4 ____ Company commander coordinates designated routes with the supported unit to resolve movement schedules, and identify known obstacles, location of friendly rear units, the location of any passed enemy units or obstacles, etc.
- .5 ____ Company commander plans route(s) of march that offers the most cover and concealment.
- .6 ____ Company staff develops, in coordination with the supported units Fire Support Center (FSC), a fire support plan, and receives frequencies and call signs of fire control nets.
- .7 ____ The company dispatches a quartering party to the supported unit to coordinate the arrival at, and defense of, the
- .8 ____ Control measures (check points, release points, etc.), to ensure an orderly move to the assembly area are designated.
- .9 ____ Company commander provides details of vehicle markings to the supported unit in order for them to identify assigned

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10B.03.02 PREPARE FOR TACTICAL MOVEMENT FROM ASSEMBLY AREA

CONDITION(S): The AAV company is attached in direct support of an making final preparations for offensive operations.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company commander acknowledges receipt of order.
- .2 ____ Company commander issues warning order to all subordinate
- .3 ____ Company commander establishes liaison with the supported unit and receives further guidance from the commander.
- .4 ____ Ensures movement order is received and understood by all subordinate units. (KI)
- .5 ____ AAV company commander advises supported unit on the route/axis of advance to include selection of control measures.
- .6 ____ Ensures subordinate unit leaders are prepared for the operation, ammunition is replenished, and other special preparation requirements are completed prior to the
- .7 ____ Company staff utilizes a terrain model, sketch, or other training aids when briefing the plan and/or conducting
- .8 ____ AAV commander conducts a detailed brief of AAV support during the combined infantry/AAV briefing, and coordinates immediate actions, i.e., ambushes, air strikes, artillery attacks, vehicle breakdown, etc., and in accordance with AAV and
- .9 ____ AAV staff ensures all company personnel understand the plan and are cognizant of their duties and responsibilities.
- .10 ____ Route from present location to Start Point/Line of Departure (SP/LOD) is reconnoitered to determine the time the movement must be initiated in order to comply with start time.
- .11 ____ Weapons are test fired, if the tactical situation permits.
- .12 ____ Communications checks are conducted in such a manner as to lessen OPSEC vulnerability.
- .13 ____ COMSEC material is issued as appropriate.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

Ensure the warning order includes:

- General information on the situation.
- Units to make the move and the anticipated sequence.
- Special logistic support and delivery times required for the operations.
- Anticipated time of movement.

ENCLOSURE (1)

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- Time and place the formal order is to be issued and who is to attend.

MOVEMENT ORDER

Ensure the movement order includes:

- Control measures.
- Time for radio check.
- Time SP/LOD is to be crossed.
- Order of march.
- Rate of march reference time and distance, if applicable.
- Rate of march reference catch-up speed and interval.
- Actions at halts and upon contact.
- Route clearance time, if applicable.
- Initial techniques of movement/formations.
- Recovery procedures for disabled vehicle.

COORDINATION WITH SUPPORTED UNIT

Ensure prior coordination between supported and supporting organizations include at least:

- Route of advance.
- Signals and communications.
- Actions upon contact.
- Limitations of the supported unit.
- Supportability of the mission.

OPERATION ORDER

Ensure the operation order, either verbal or written when time permits, contains at least the following:

- Clearly stated mission.
- Commander's intent.
- Maneuvered and available fire support.
- Force of main effort.
- Definition of all control measures to be used: checkpoints, phase lines, etc.

ENCLOSURE (1)

- Identification of each specific objective to be seized.
 - Any limiting instructions to temper engagements with enemy forces.
 - Technique of movement to be used to include designation of loading, trailing, and overwatch elements.
 - All available information on the enemy threat with emphasis on ATGMs, mines, obstacles, and other weapons which could affect the accomplishment of the mission.
 - Identification of overwatch positions to be occupied.
 - Communication/Signals to be used.
 - Actions at the objective.
 - Be prepared on order mission.
 - Disabled vehicle disposition.
 - Critical logistics functions, i.e., rearming, refueling, emergency repairs.
-

TASK: 10B.03.03 EMPLOY MOVEMENT TECHNIQUES

CONDITION(S): The infantry is task organized with an AAV company to operations. The enemy situation and operating area requires the employment of varying movement techniques. The enemy, in addition to direct and indirect fire and air capabilities, has EW capability as well. The supported unit's OpOrd, based on input from the AAV company commander, specifies movement techniques and signals to alter the movement techniques and formations, as well as procedures to be used upon contact with the enemy.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company maintains air/ground security at all times.
- .2 ____ The company commander maintains positive communication with lead, flank, and rear security elements.
- .3 ____ AAV commander recommends changes to the formation as the enemy situation changes.
- .4 ____ AAV commander recommends movement techniques that make the best use of the terrain. (KI)
- .5 ____ Moving unit communicates internally using visual signals, if
- .6 ____ When moving, the company arrives and departs checkpoints within the time frames specified in the order.
- .7 ____ Arrival at established control measures is reported to parent headquarters, if not attached.

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- .8 ____ AAV crew members demonstrate knowledge of procedures to be used upon contact with enemy forces.
- .9 ____ AAVs employ smoke and suppressive fires for self-protection upon initial contact or as directed by the supported unit.
- .10 ____ Appropriate techniques of movement are used when crossing danger areas. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: A movement technique is recommended based on METT-TSL.

TASK: 10B.03.04 CONDUCT TACTICAL HALT

CONDITION(S): The AAV Company is required to hold while conducting a

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company halts in a formation appropriate to the terrain, time available, and enemy situation, with infantry dismounted to secure the area.
- .2 ____ The company commander ensures unit security immediately to include air watches.
- .3 ____ At halt, vehicle halt checks are conducted per the unit SOP based on time available.
- .4 ____ Vehicles are prepared to move out on order and in the prescribed order of march.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10B.03.06 PLAN AN IN-STRIDE BREACH

CONDITION(S): The AAV company with platoon is in support of a GCE unit size. The GCE encounters a minefield which extends 200 meters in length and 50 meters in width and is in the axis of advance and cannot be bypassed. Intelligence reports verify the presence of antipersonnel and antitank mines. MCM MK154 vehicles are loaded with MK22 Mod 3/4 rocket motors and M59 line charges. The tactical situation requires that the minefield be breached immediately. Organized enemy defenses of the minefield are limited to a platoon size unit.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV commander issues a FRAG on how the breach will be
- .2 ____ Coordinates obscuring and screening smoke with GCE commander

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- .3 ____ Coordinates with combat engineers a method of marking cleared lane(s), and the GCE sequence of movement through the
- .4 ____ Coordinates MCM actions after the breach is accomplished.
- .5 ____ The order is issued to all MK154 team leaders and other key
- .6 ____ The AAV company commander ensures all personnel understand the plan and are cognizant of their responsibilities.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10B.03.07 CONDUCT BREACHING OF A MINEFIELD

CONDITION(S): The AAV company with MCM platoon attached is tasked with breach through an enemy minefield and the AAV company commander is designated as a Breach Force Commander. Planning for the breach has been accomplished. The MCM vehicle(s) are in hasty positions. The support force has security elements forward in support by fire positions. Fire superiority has been achieved and obscuring/screening smoke has commenced.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Engineer reconnaissance team has called in a minefield report and the breach force commander has passed it to the GCE
- .2 ____ Breach force commander sets up breaching equipment per
- .3 ____ The tank plow and MK151 are moved into position at breach site as marked by combat engineers.
- .4 ____ Support force effectively uses organic weapons to suppress the far side of the obstacle.
- .5 ____ Breach force demonstrates a well integrated and successful breach of the minefield that effectively suppresses the enemy, screens the breach site, and allows for a well aimed rocket launch and line charge detonation that provides the desired
- .6 ____ The cleared lanes are marked so the assault force can find and move through the breach.
- .7 ____ The breach force commander has redundant capabilities if the first breach element is destroyed or the lane(s) become
- .8 ____ The breach force commander notifies the assault force commander when the lane(s), are cleared and marked and that the assault force can move through the breach.
- .9 ____ Once the assault force and the support force have moved through the breach site, the breach force consolidates on the

EVALUATOR INSTRUCTIONS: None

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KEY INDICATORS: None.

TASK: 10B.03.08 CONDUCT NIGHT OPERATIONS

CONDITION(S): The AAV company has been ordered to provide support to an Across country movement at night is required to link up with the adjacent unit. The adjacent unit is located at a minimum distance of 5 miles. The enemy has direct and indirect fire, air and Electronic Warfare (EW) capabilities. The AAV company commander has been ordered to limit radio traffic to the absolute minimum, and use covered communications. Night vision devices are available to the company.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company commander plans for the effective allocation and employment of night vision devices in order to minimize the number of restrictive control measures.
- .2 ____ The company coordinates with the adjacent unit to specify link up point, route, fire support plan, call signs and frequencies, and recognition signals.
- .3 ____ Route selection minimize AAV exposure to the enemy versus the selection of a route following prominent terrain features.
- .4 ____ Company staff determines the ambient light level.
- .5 ____ Company staff considers the effect of ambient light level on Night Vision Goggles (NVGs).
- .6 ____ AAV commander demonstrates the ability to maintain effective command and control over the formation during night
- .7 ____ The AAV commander displays the ability to navigate.
- .8 ____ Company staff has a developed plan for primary and alternate means of communications to ensure effective command and
- .9 ____ Company has plans for immediate actions that are easily coordinated and controlled.
- .10 ____ The company employs navigation aids, such as the GPS, chemical lights, etc., to aid in movement.
- .11 ____ The commander plans for an employs a quartering party.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10B.03.09 ESTABLISH DEFENSIVE POSITIONS

CONDITION(S): The AAV company is in direct support of an infantry unit.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV company commander acknowledges receipt of the supported unit's OpOrd/FRAGO and ensures subordinate leaders understand
- .2 ____ AAV unit commander recommends what type of defense will be used, mobile or position, to the supported commander.
- .3 ____ AAV company commander and key personnel conduct a reconnaissance of the assigned defensive positions.
- .4 ____ The AAV company moves to the initial defensive positions utilizing movement techniques appropriate to the threat,
- .5 ____ AAV company commander ensures subordinate leaders are preparing positions in support of their supported infantry
- .6 ____ AAV commander coordinates with the supported unit and ensures vehicle security is provided.
- .7 ____ AAV commander coordinates sectors of fire and the general location of vehicle fighting positions with the supported
- .8 ____ AAV crews prepare and occupy fighting positions.
- .9 ____ AAV crews prepare range cards.
- .10 ____ AAV crews make efforts to cover "track prints" around
- .11 ____ AAV company lays communications wire, if time permits.
- .12 ____ AAV company coordinates with the supported unit, selects alternate and supplementary positions, covered and concealed routes between fighting positions, and rehearses movement
- .13 ____ AAV crewmen utilize night vision devices.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

AAV COMPANY COMMANDER RESPONSIBILITIES

The AAV company commander designates sectors of fires to maximize the effectiveness of the unit's weapons. These sectors are submitted to the supported unit's headquarters for inclusion in the overall defensive overlay. He places special emphasis on the following:

- Proper utilization of terrain.
- Covered and concealed positions.
- Camouflage techniques.
- Control of key terrain.

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- Defense in depth with mutually supporting fires.
 - Good observation and fields of fire.
 - Designated Target Reference Points (TRPs), engagement areas, boundaries, and Armor Kill Zone (AKZs).
 - Cover for likely fields of approach.
 - Long range and flanking fires.
 - Supplemental positions.
 - Coordination with adjacent units.
 - Plans for close and midrange fires.
 - Plan for withdrawal.
 - Designated priority of work.
 - Assignment of target priorities.
 - Construct/Coordinate emplacement of obstacle.
-

TASK: 10B.03.10 EMPLOYMENT OF AAV WEAPONS IN THE DEFENSE

CONDITION(S): The AAV company is providing .50 cal, 40mm, and small arms from defensive positions at night. Enemy forces are located from ranges of 200 meters to 1500 meters. The targets vary from troops in trench lines and bunkers to armored vehicles.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company commander advises supported unit commander on employment of the AAVs organic firepower assets as per control
- .2 ____ AAV crewman demonstrate the proper use of a range card. (KI)
- .3 ____ Company Commander advises supported unit commander on a Final Protective Fire (FPF), if required.

EVALUATOR INSTRUCTIONS: Pyrotechnics are fired to provide ambient light to ensure the target is being hit if NVGs are not available or utilized. All AAV crews should be evaluated.

KEY INDICATORS:

Published by the senior headquarters or supported unit and should include:

- Target Reference Points (TRPs).
- Engagement areas/armor kill zones.

ENCLOSURE (1)

- Sectors and limits of fire.
- Unit boundaries.
- Target priorities for each weapon system.

RANGE CARDS

The four essential parts of a range card are:

- Target identification.
- Deflection.
- Range.
- Elevation.

EFFECTS

Rounds have effect on target.

TASK: 10B.03.11 EMPLOYMENT OF SMOKE SCREEN

CONDITION(S): The AAV company is supporting embarked infantry personnel. Enemy forces have engaged the element. The employment of smoke has been briefed prior to the commencement of operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAV company executes smoke screen utilizing the smoke generating system and/or smoke grenade launcher.
- .2 ____ AAV crews execute the correct loading and firing of the M257 Smoke Grenade Launcher.
- .3 ____ AAV crews execute immediate action on the M257 Smoke Grenade Launcher, if required. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

IMMEDIATE ACTION

If the M257 Smoke Grenade Launcher does not fire on the first attempt, immediate action procedures are as follows:

- Shut down electrical power in the turret.
- Ensure grenade is properly seated.
- - If properly seated, remove the grenade, place it in another tube and attempt to fire. If it still does not fire, then stow the round to turn in

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later to EOD personnel for disposal.

- - If the grenade is not properly seated, then reset and attempt to fire. If grenade still does not fire, change tubes and follow procedures as described above.

TASK: 10B.03.12 SUPPORTS COMMAND AND CONTROL FROM ASSAULT AMPHIBIAN COMMAND VEHICLE, AAVC7A1

CONDITION(S): During the movement to contact and consolidation phase of the supported infantry unit is entirely embarked in AAVs. A command section is being utilized to control maneuver and maintain required communications for supported infantry.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Assigned C-7 sections know and utilize the AAVs capabilities and avoid vehicle limitations.
- .2 ____ C-7 sections conduct orientation training for supported unit
- .3 ____ Crews perform required checks on all internal radio equipment.

EVALUATOR INSTRUCTIONS: Evaluator should understand that the supported unit is responsible for operator actions within the communications compartment of AAVC.

KEY INDICATORS: None.

ENCLOSURE (1)

MPS 10B.04 - SUPPLY AND MAINTENANCE OPERATIONS

TASK: 10B.04.01 CONDUCT RECOVERY OPERATIONS

CONDITION(S): The AAV company is in direct support. An AAV has become a casualty and must be recovered.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Immediate actions are taken to extract personnel and/or extinguish fires, consistent with the tactical situation.
- .2 ____ AAV crew and company maintenance personnel conduct battle damage assessment and perform repairs, if possible.
- .3 ____ Company staff coordinates recovery effort with the supported unit, to include the location of, and movement to, the
- .4 ____ Disabled vehicle and/or equipment is successfully recovered/evacuated, or the parent/CSS is notified.
- .5 ____ If applicable, NBC contaminated equipment is
- .6 ____ Company commander requests replacement vehicle, if tactically
- .7 ____ AAV crew men or maintenance personnel use approved methods of destruction to prevent enemy use of the vehicle if the vehicle is beyond salvage or recovery.

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the Tactical Exercise Commander (TEC), inserts sufficient vehicle casualty play into the tactical scenario to evaluate this task.

KEY INDICATORS:

RECOVERY COORDINATION

The recovery crew must:

- Coordinate with the supported unit to ensure familiarization with the situation and tactical control measures in effect.
- Identify location and plan a route to vehicle/equipment.
- Locate vehicle/equipment without excessive searching.
- Ensure security augmentation, if tactically required.

RECOVERY, EVACUATION OF CONTAMINATED EQUIPMENT

NBC contaminated recovery operations have the following additional requirements:

- Crews adopt MOPP4 and button up recovery vehicle before entering contaminated area.
- Select route that minimizes exposure.

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- Enforce all safety regulations.
 - Rig for evacuation.
 - Recover vehicle/equipment and evacuate it to the EDS.
 - Assist EDS personnel in decontaminating the recovery vehicle.
 - Evacuate to the appropriate maintenance/support activity.
-

TASK: 10B.04.02 CONDUCT SUPPLY AND MAINTENANCE OPERATIONS

CONDITION(S): The AAV company is tasked to support tactical operations and/or on land. Initial planning and logistical planning has been completed, as well as liaison with the supported unit, parent command, and CSS. Final preparations for supportability have been complied.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company completes all 1st through 3rd echelon maintenance prior to deployment.
- .2 ____ Supply and maintenance responsibilities are clearly understood by the AAV company commander and staff, and the supported unit, parent unit, and CSS. (KI)
- .3 ____ AAV vehicle crews are trained and knowledgeable in the proper care, use, operation, cleaning, preservation, and lubrication
- .4 ____ Trained unit maintenance personnel and/or maintenance contact teams are located will forward and readily available to the
- .5 ____ The AAV company carries an operational block of repair parts to include PEB, preventative maintenance, expendable materials, and secondary repairable for all equipment organic
- .6 ____ Preventative maintenance "spot check" inspections are conducted on a routine basis and a continuing service program
- .7 ____ Recover, refueling, and resupply are conducted per SOPs and preoperation coordination.
- .8 ____ Company maintenance personnel are capable of conducting 1st through 3rd echelon maintenance/repairs in a forward area.

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the TEC, inserts sufficient logistic and maintenance requirements into the tactical scenario to provide for evaluation of this task.

ENCLOSURE (1)

KEY INDICATORS:

ORGANIZATIONAL MAINTENANCE

Ensure operational maintenance is organized to accomplish the following:

- Make repairs as far forward as possible.
- Identify and record precise discrepancies of the vehicles and equipment to include specific parts and actions required.
- Provide necessary personnel, parts, tools, and equipment to affect repairs.
- Repair and return vehicles and equipment to the unit in a timely manner.

Supply and maintenance responsibilities encompass Battle Damage Assessment (BDA) and repair, recovery, PEB, parts block expendable materials, maintenance administration, calibration, technical publications weapons, optics, etc.

ENCLOSURE (1)

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MPS 10B.05 - CONTINUING ACTIONS BY MARINES

TASK: 10B.05.01 IMPLEMENTING DISCIPLINE

CONDITION(S): An AAV company is tasked to support tactical operations of combat element. Operations can be waterborne, ashore, or both.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company discipline is demonstrated by individual members being in control of themselves and successfully completing their individual tasks that contribute to mission accomplishment.
- .2 ____ Company personnel safeguard and clean their weapons, both individual and crew served, daily.
- .3 ____ Vehicles, generators, etc., are given regular preventative maintenance by the Marine(s) assigned to operate them.
- .4 ____ Marines employ their firepower using proper fire discipline.
- .5 ____ Marines do not waste or abuse unit supplies or material.
- .6 ____ Supplies are safeguarded from the enemy and from the weather and are not scattered about.
- .7 ____ Marines operating radios do not expose themselves to Radio Detection Finding (RDF) by unnecessary, wordy, or repetitious message traffic. Standard passwords are used and communication checks are limited. All personnel using radios adhere to required standards of performance regardless of grade.
- .8 ____ The company cannot be detected by enemy as a result of poor noise discipline.
- .9 ____ The company cannot be detected by enemy as a result of poor light discipline.
- .10 ____ Marines wear the prescribed uniform at all times.
- .11 ____ Leaders actively promote field sanitation and personal hygiene by enforcing use of designated heads, good personal health habits, police of area, and inspection of the

EVALUATOR INSTRUCTIONS: If the company is located by RDF or observation as a result of noise, light, and/or communication procedures, the standard cannot be considered as having been met. Evaluators must determine if the company is violating light, noise, and communication procedures discipline when no aggressors or EW support is available from the TEC exercise and evaluators will note efforts of unit leaders to maintain and correct discipline. Improvement by the company throughout the exercise, such as standards become consistently met, may result in a "yes" marking.

KEY INDICATORS: None.

TASK: 10B.05.02 CONDUCT PREVENTIVE MAINTENANCE

ENCLOSURE (1)

CONDITION(S): The AAV company is supporting tactical operations. The limited duration; however, the AAV company is supporting the ship-to-shore movement and land operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company staff includes preventative maintenance considerations during planning.
- .2 ____ Company personnel display a sense of urgency when conducting
- .3 ____ Preoperation, during operation and postoperation checks are conducted as per unit SOP and current first echelon Technical
- .4 ____ Proper startup procedures are followed.
- .5 ____ During halts, scheduled and unscheduled, checks are performed, per the TMs.(KI)
- .6 ____ Proper cool down procedures are followed before shutting down.
- .7 ____ Additional equipment, including weapons and communication gear, receives continuous maintenance by crewmen.
- .8 ____ Safety precautions, as contained in the TMs and SOPs, are
- .9 ____ AAVs do not become maintenance casualties due to a lack of preventative maintenance.
- .10 ____ Company maintenance personnel aggressively coordinate with AAV subordinate units to identify corrective maintenance

EVALUATOR INSTRUCTIONS: This task is applicable at all times. Evaluators must be familiar with proper first echelon maintenance and lubrication procedures.

KEY INDICATORS:

HALT CHECKS

Halt checks are scheduled to occur during all long movements. Anytime the unit makes unscheduled halts, PM checks are made. During short halts, a walk around inspection is made to check hull and suspension components. Longer halts include engine compartment/fluid level checks.

TASK: 10B.05.03 DEMONSTRATE DISPERSION

CONDITION(S): The AAV company is tasked to provide direct support for operations to a ground element. The tactical situation requires both offensive and defensive actions to occur.

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STANDARDS: EVAL: Y; N; NE

- .1 ____ The company vehicles and personnel maintain dispersion during movement, and in particular, do not bunch together at the conclusion of an attack or defensive action.
- .2 ____ Vehicles maintain assigned positions and intervals during
- .3 ____ Vehicle dispersion is maintained during halts, in assembly areas, and when deployed in the defense.
- .4 ____ Individual dispersion is maintained in assembly areas or when deployed in the defense.
- .5 ____ Material dispersion is maintained to reduce its' vulnerability to incoming munitions.

EVALUATOR INSTRUCTIONS: Utilize METT-TSL when evaluating these standards.

KEY INDICATORS: None.

TASK: 10B.05.04 EMPLOY COVER AND CONCEALMENT

CONDITION(S): The AAV company is tasked to provide direct support of a involved in both offensive and defensive operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Individual Marines demonstrate attention to detail when camouflaging company vehicles and equipment to include protection against overhead observation.
- .2 ____ During short halts, crews take advantage of natural cover and
- .3 ____ When halted for extended periods, vehicles are camouflaged and reflective surfaces are dulled.
- .4 ____ Equipment and tentage are provided with appropriate netting or are concealed with natural material.
- .5 ____ The company staff stresses placement of men and material in areas that provide cover and concealment from casual detection by the enemy. Use of shadow areas for hasty concealment is
- .6 ____ Covered positions allow for adequate observation and fields of
- .7 ____ Crewmembers are able to generate vehicle smoke for screening if required by the supporting unit commander.
- .8 ____ During refueling operations, sites are selected and prepared, if required, with camouflage and cover.

EVALUATOR INSTRUCTIONS: Evaluator observes individual Marines and the organization. This task is applicable throughout the operation.

ENCLOSURE (1)

KEY INDICATORS:

COVERED POSITION

Ensure that covered firing positions satisfy the following requirements:

- Position allows on the vehicle can cover the assigned targets/engagement areas.
- Vehicle's hull is protected from direct from the front and protected from indirect fire by preparing positions when possible. Company will utilize engineer assets to prepare positions when possible.

TASK: 10B.05.05 REACT TO DIRECT FIRES

CONDITION(S): The AAV company is moving and is engaged by enemy vehicles/armored personnel carriers, antitank gun, ATGM, or small arms.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV company returns suppressive fire immediately, if in range.
- .2 ____ Smoke is employed to obscure the enemy's observation and to screen the movement of AAVs, if tactically appropriated.
- .3 ____ Company AAVs take appropriate evasive action to utilize available terrain features/dispersion.
- .4 ____ The company employs all available direct fire weapons to suppress the enemy.
- .5 ____ AAV unit leader immediately requests fire support from mortars, artillery, NSFS, and/or aircraft, if available.
- .6 ____ SPOT reports are promptly submitted to the supported unit

EVALUATOR INSTRUCTIONS: A simulated or actual request for fire, artillery or mortar, is required.

KEY INDICATORS: None.

TASK: 10B.05.06 REACT TO INDIRECT FIRE

CONDITION(S): The AAV Company is moving and comes under indirect fire source.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Vehicle button up.
- .2 ____ Smoke is employed to obscure enemy's observation and to screen the movement of AAVs, if tactically appropriate.

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- .3 ____ AAV commander ensures dispersion and uses immediate action to maximize use of available covering terrain.
- .4 ____ When under "automatic masking" directives, crews don protective mask, initiate NBC monitor/survey, and submit NBC-1
- .5 ____ The company moves through, or bypasses, the impact area and continues the mission.
- .6 ____ The company submits spot report and SHELLREP to the supported unit as appropriate.

EVALUATOR INSTRUCTIONS: Evaluator specifies type of weapon simulated, number of rounds, and type of ammunition used by simulated enemy firing unit. The evaluator will provide direction of fire if crater analysis is performed.

KEY INDICATORS: None.

TASK: 10B.05.07 ESTABLISHES TACTICAL RADIO COMMUNICATION

CONDITION(S): The AAV company is in direct support of tactical operations order requires the company to operate covered circuits.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Crews correctly operate crypto equipment, if required.
- .2 ____ Operators correctly use data transfer device for Frequency Hopping (FH) data/crypto fill.
- .3 ____ Radio operators correctly use authentication tables, if
- .4 ____ Company personnel correctly use the "gingerbread" procedures.
- .5 ____ Unit leaders are able to explain the capabilities and limitations of the communications system in both the AAVP and
- .6 ____ Operators implement radio discipline by keeping conversations short and radio checks to a minimum.
- .7 ____ Crewmen utilize low power radio settings for short distance
- .8 ____ Inoperable communications equipment is reported in a timely
- .9 ____ Company staff and crew chiefs demonstrate the ability to pass information by alternate means.
- .10 ____ Personnel demonstrate the ability to employ all types of organic antennas and field expedient antennas.
- .11 ____ Company personnel demonstrate the ability to load Comsec/FH data and single channel frequency.
- .12 ____ Company personnel demonstrate the ability to perform a late

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- .13 ____ Communication personnel demonstrate the ability to transfer Communication-Electronics Operating Instruction (CEOI) information from Automated Net Control Device (ANCD) to ANCD (from supported unit to company's ANCDs).
- .14 ____ Communication personnel demonstrate the ability to transfer Comsec/FH data/sync time from ANCD to ANCD.
- .15 ____ Communication personnel demonstrate the ability to perform a Hot Start Net opening.
- .16 ____ Communication personnel demonstrate the ability to load time and date from Precise Location Global positioning Receiving
- .17 ____ Company personnel demonstrate the ability to load time and date from PLGR to Radio Transmitters (RTs).

EVALUATOR INSTRUCTIONS: It must be ascertained if interoperability is available with higher and adjacent units.

KEY INDICATORS: None.

TASK: 10B.05.08 RESPOND TO ENEMY ELECTRONIC WARFARE (EW)

CONDITION(S): Enemy forces have Electronic Warfare Support Measures Electronic Warfare countermeasures (ECM) capability throughout the radio spectrum. Initiative deception and frequency jamming are being used.

Numerous items of friendly communications equipment are known to be in enemy hands, and they are familiar with our communication techniques and procedures. Enemy antennas are located well forward.

STANDARDS: EVAL: Y; N; NE

- .1 ____ All radio nets specified as covered circuits in the CEOI plan are operated in the covered mode.
- .2 ____ CEO is followed; daily frequency changes and call sign changes
- .3 ____ Operators adhere to Emission Control (EMCON) procedures.
- .4 ____ Unit commanders choose sites that provide for terrain masking to minimize enemy probability of communication intercept, if
- .5 ____ Authentication is required by Marine guarding uncovered radio
- .6 ____ Radio operators do not reveal effectiveness of enemy jamming efforts, and continue to attempt to communicate.
- .7 ____ Proven or suspected enemy electronic activity is promptly reported to the supported unit by a "MIJI" report via wire, messenger, or other secure means.
- .8 ____ Personnel communicate by alternate means when radio nets are effectively jammed.

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- .9 ____ Radio operators do not compromise unit locations, strength, or commit other "BREADWINDOW" security violations.
- .10 ____ Expedient radio antennas are employed when feasible.
- .11 ____ Low priority/routine messages are sent by means other than
- .12 ____ Transmitting power is set at the minimum required to
- .13 ____ Brevity codes promulgated by the OpOrd or SOP are employed.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10B.05.09 RESPOND TO ENEMY AIR THREAT

CONDITION(S): The enemy has fixed wing and attack helicopter capability. weather capability is limited. Laser guided munitions are available to the enemy.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAV company has established procedures for both active and passive air defense.
- .2 ____ Air guards are designated. (KI)
- .3 ____ The company has an alarm system to warn of air attack.
- .4 ____ Crewman within the company recognize the air attack alarm and immediately react to it.
- .5 ____ Embarked infantry are sector air watches, and use established procedures to alert personnel on board the AAV to air attack.
- .6 ____ Effective placement of LAAD assets within the formation, and procedures for the timely flow of early warning information to them are established in coordination with the supported unit.
- .7 ____ Maneuver elements continue to maneuver, relying on overwatch elements and air defense elements to engage attacking
- .8 ____ If given advance warning of approaching hostile aircraft, the company takes appropriate passive measures. (KI)
- .9 ____ If the company is taken by surprise by hostile aircraft the unit takes appropriate active defensive actions. (KI)
- .10 ____ Company commander maintains fire control and causes the delivery of a heavy volume of fire at air targets.
- .11 ____ The company reports attack by enemy air to the supported unit by flash message.

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EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the Tactical Evaluation Controller, ensure that enemy air activity corresponds to contemporary threat air tactics, and that threat aircraft type is announced to the evaluated company.

KEY INDICATORS:

AIR GUARDS

Air guards are specifically assigned within each subordinate element designated to watch for the approach of hostile aircraft. Moving companies increase the number of air guards, and specify sectors to cover 360 degrees of observation. They are able to:

- State the nature of the threat; i.e., fixed-wing jet, fixed-wing prop, or rotary wing.
- State the signal established as the alarm for attack.
- Identify friendly aircraft that are in support of the unit.

PASSIVE DEFENSE AGAINST ENEMY AIRCRAFT

If adequate advance warning alerts the AAV unit to incoming enemy aircraft, whether it be fixed-wing or helicopter, the following passive measures should be taken:

- Slow movement down to reduce dust signature if on the move.
- Use covered and concealed firing positions; take up positions beside hill masses that will mask the vehicles and limit the approach angle of the aircraft.
- Assign sectors of fire.

ACTIVE DEFENSE AGAINST ENEMY AIRCRAFT

Once the AAV unit has taken up a passive antiair posture, there is a possibility that enemy aircraft, especially fixed-wing, will not see the AAV unit and will bypass it. If so, the AAV unit should stay in place until the aircraft are safely out of range then continue on with the mission. If the enemy air detects the AAV unit, or the unit is ordered to engage the aircraft, the following steps are taken:

- AAV unit's air defense elements (AV (AD) and/or LAAD (if available) engage the aircraft.
- On order, AAVs and embarked Marines engage the aircraft with onboard weapons systems.
- Maneuver to provide the most difficult target to the aircraft, i.e., if in a column turn at a right angle to approaching aircraft.
- Employ smoke to screen the force and move to preplanned secondary positions.

TASK: 10B.05.10 PROCESS ENEMY PRISONERS OF WAR

ENCLOSURE (1)

CONDITION(S): The AAV company is moving in a rear area without embarked and uncovers enemy soldiers attempting to emplace a mine. The soldiers are captured with both the explosive device and documents.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company has and uses SOP for processing EPWs.
- .2 ____ The Marines handling EPWs segregate them by type: officer, NCOs, unranked, civilian combatants, sex, etc.
- .3 ____ EPWs are searched immediately after capture; material found is tagged and kept with EPW.
- .4 ____ EPWs are required to remain silent and are not permitted to converse among themselves.
- .5 ____ EPWs are processed with speed to obtain maximum intelligence
- .6 ____ Marines handling EPWs ensure that they are safeguarded from hazards of enemy fire.
- .7 ____ Perishable information obtained from EPWs is reported to higher headquarters by most expeditious means.
- .8 ____ When handling wounded or sick EPWs, the company ensures they receive proper medical care.
- .9 ____ EPWs are allowed to retain personal protective equipment (e.g., helmet, gas mask, etc.).
- .10 ____ EPWs and all recovered equipment/documents, are transferred to higher headquarters as soon as possible.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

SEARCHING

EPWs should be disarmed and searched for concealed weapons, equipment, and documents of particular intelligence value immediately upon capture. The number of EPWs captured, enemy action, or other circumstances can make an immediate search impractical. Until each POW is searched, the responsible troops must be particularly alert to prevent the use of concealed weapons or destruction of documents or equipment.

EQUIPMENT

Items of personal or individual equipment which are new or appear to be of a type not previously seen may be of intelligence value and should be processed via intelligence channels. Types of equipment or supplies which may be individually carried or worn include, but are not limited to all types of weapons, ammunition, personal equipment (protective masks, first aid kits, etc.), clothing and rations.

ENCLOSURE (1)

DOCUMENTS

A captured document is any piece of recorded information which has been in the hands of the enemy. When such documents are taken from a EPW for safekeeping and delivery to intelligence personnel, care must be taken to assure that they can later be identified with the individual EPW from whom it was taken. Documents and records of a personal nature must be returned to the EPW from whom it was taken. In no instance should the personal identify card of a EPW be taken.

PERSONAL EFFECTS

EPWs should be permitted to retain protective equipment such as helmets, protective masks, and like items; effects and articles used for clothing or eating, except knives and forks; identification cards or tags; and badges of grade and nationality. When items of equipment issued for personal protection are taken, they must be replaced with equivalent items serving the same purpose. Although money and other valuables may be taken from EPWs as a security measure, they must be receipted for and a record maintained.

SEGREGATION

The segregation of EPWs requires that individual EPWs be identified as belonging to a particular category. While time and combat conditions may not permit the detailed interrogation of EPWs to make all such determinations, it should be possible to readily identify and separate EPWs according to status (officers/enlisted) and sex.

MEDICAL CARE

EPWs are entitled to the same medical care as friendly casualties, to include MEDEVAC priority. Any differences in treatment must be based solely on medical considerations.

TASK: 10B.05.11 PROCESS CASUALTY EVACUATIONS

CONDITION(S): The AAV company is in support and has been tasked with to provide for a waterborne means of evacuating casualties. Organic corpsmen are the unit.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAV company develops a plan for medical evacuation and has briefed the supported unit.
- .2 ____ The AAV company understands the supported unit's MEDEVAC procedures, priorities, and required reports.
- .3 ____ AAV litter kits are properly installed and serviceable.
- .4 ____ Company Marines dealing with casualties prior to arrival of corpsmen use correct first aid skills in the treatment for shock, fractures, penetrating wounds, and sucking chest
- .5 ____ Company Marines tagged as lightly wounded apply self aid.

ENCLOSURE (1)

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- .6 ____ Marines dealing with casualties are familiar with evacuation procedures, locations of medical facilities, and safe routes
- .7 ____ Marines who must be evacuated are transported to the treatment site in a tactically sound and expeditious manner with adequate on board medical assistance.
- .8 ____ Casualty reporting begins immediately through the chain of
- .9 ____ Wounded Marines' equipment is safeguarded.

EVALUATOR INSTRUCTIONS: This task is applicable in all evaluations, and should be simulated by evaluator or TECG input to ensure knowledge.

KEY INDICATORS:

CHAIN OF EVACUATION

AAV crewman should be aware of all possible means to MEDEVAC personnel. Location of aid stations should be noted in operations orders. Each AAV platoon should have a corpsman assigned to assist in medical treatment and evacuation.

TASK: 10B.05.12 IMPLEMENTING AAV OPERATIONAL SAFETY PRECAUTIONS

CONDITION(S): The AAV company is in support of tactical operations both and on land. They have the ability to operate in limited light conditions.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company conducts a safety brief for embarked personnel prior to water operations.
- .2 ____ All embarked personnel wear helmets. (KI)
- .3 ____ All personnel wear inflatable preservers during water
- .4 ____ Safety belts are not worn while the vehicle is waterborne.
- .5 ____ Embarked personnel wear normal combat equipment loose enough to jettison without delay.
- .6 ____ All embarked personnel have an individual vision light attached to the life preserver during night operations.
- .7 ____ Personnel are restricted from finding on top of a moving AAV.
- .8 ____ Personnel do not ride in a moving AAV with more than their heads and shoulders extending above the hatch.
- .9 ____ No smoking is allowed.
- .10 ____ AAVs maintain a distance of at least 30 meters during periods of unrestricted visibility, or less during periods of restricted visibility while waterborne.

ENCLOSURE (1)

- .11 ____ AAV crewmember positions himself at the aft personnel door to ensure the door is secure during all waterborne operations.
- .12 ____ All personnel are kept clear of the HG radio antenna on the

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

HELMETS

All personnel manning AAVs wear helmets. Crewmembers normally wear communication helmets while passengers wear the Kevlar issue helmet.

LIFE PRESERVERS

All personnel wear the inflatable type life preserver at all times during water operations. AAV unit provides life preservers for crewman and embarked personnel. Inflatable type life jackets will be worn around the neck while vehicles are waterborne, and not contained in the carrying case at the belt.

ENCLOSURE (1)

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MPS 10B.06 - NBC OPERATIONS

TASK: 10B.06.01 PREPARE FOR NBC OPERATIONS

CONDITION(S): Threat forces have employed NBC munitions in the area destroying/disrupting operations and facilities. Due to the threat, passive and active defense measures must be used for survival of the AAV company.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV company develops a plan for outlining procedures for enemy NBC strikes and reports required.
- .2 ____ All individuals in the company have the NBC defense equipment authorized by the unit Table of Equipment (T/E).
- .3 ____ All unit NBC defense equipment authorized by T/E is operationally ready and distributed to designated and trained
- .4 ____ NBC equipment shortages are identified and replacements
- .5 ____ Decontamination equipment (mops, brooms, shovels, rags, etc.) and bulk decontaminates are assembled and ready for transport to a decontamination area.
- .6 ____ M11 decontamination equipment is requested and units are filled (water used for training).
- .7 ____ NBC trained personnel are available on a 24-hour a day basis.
- .8 ____ MOPP level is established by the supported unit and AAV company personnel are at or above that level.
- .9 ____ Company decon teams are able to utilize the appropriate radiac detection units and report the readings to higher
- .10 ____ Company staff thoroughly understand MOPP levels for the control of exposure of personnel to chemical hazards.
- .11 ____ All company personnel can identify NATO or threat NBC contamination markers.
- .12 ____ Company dispersion utilizes terrain features for cover; concealment, and topographic shielding from NBC attack.

EVALUATOR INSTRUCTIONS: Provide the company with information to expect an imminent nuclear attack by the enemy, and integrate NBC scenarios with normal missions.

KEY INDICATORS: None.

TASK: 10B.06.02 PREPARE FOR NUCLEAR ATTACK

CONDITION(S): The AAV company is informed that nuclear weapons have been theater of operations.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Backup command, control, and communication procedures are
- .2 ____ Subordinate/Displaced elements of the company are alerted.
- .3 ____ The company continues the mission while implementing actions to minimize casualties and damage.
- .4 ____ The company implements protective measures, as directed by higher command element, consistent with the mission.
- .5 ____ Personnel minimize exposure by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a two
- .6 ____ Personnel take cover in fighting positions, armored vehicles, existing shelters (basements, culverts, caves, tunnels, etc.), or as a last resort lie prone on the ground, face down and
- .7 ____ External electronic equipment is protected from Electromagnetic Pulse (EMP) and Transient Radiation Effects on
- .8 ____ Periodic monitoring is initiated, using the IM-174 radiac detector or the AN/VDR-2 radiac set.
- .9 ____ Vehicles are placed behind masking terrain.
- .10 ____ All loose items, flammable/explosive items, food and water, which are not stored in AAVs, are secured and protected from
- .11 ____ Company Marines are familiar with standard first aid procedures to provide self/buddy aid for nuclear blast and

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

ELECTRONIC EQUIPMENT

When a unit has been informed that a nuclear blast is imminent, the following precautionary measures should be taken:

- On the C-7, only utilize the crew radios to save the MIQ and MSQ-115.

TASK: 10B.06.03 RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK

CONDITION(S): Nuclear attack is simulated by the detonation of an blast simulator or by other appropriate means.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Upon recognizing the attack, all personnel take immediate action to shield themselves from blast/heat of detonation.

ENCLOSURE (1)

- .2 ____ Chain of command and communications are maintained or reestablished. AAVs resume mission if possible.
- .3 ____ NBC-1 initial and follow-up reports, as required, are rapidly submitted to the supported command element by personnel designated or responsible for collecting the information. Reliable and complete reports are rapidly forwarded, by secure
- .4 ____ Casualties are given first aid and are evacuated to a medical treatment station as the mission permits.
- .5 ____ Damage assessment is submitted by secure means to the supported headquarters per SOP.
- .6 ____ Continuous monitoring is initiated, using the IM-174 radiac detector or the AN/VDR-2 radiac set.

EVALUATOR INSTRUCTIONS: Evaluator will assess constructive casualties due to blast, heat, radiation, and Electromagnetic Pulse (EMP). EMP casualties will be assessed by the evaluator for all communications systems (antennas, receivers/transmitters) that are exposed (not in a covered or hardened location/vehicle) during the simulated nuclear detonation.

KEY INDICATORS: None.

TASK: 10B.06.04 RESPOND TO THE RESIDUAL EFFECTS OF A NUCLEAR BLAST

CONDITION(S): A surface or subsurface nuclear detonation has occurred. company location is within the predicted fallout zone. An M5A2 radiological fallout predictor, or substitute, is available. The unit gets effective downwind message at least once every three hours. NBC-2 report is furnished to the company about 15 minutes after the detonation, or prepared is prepared by the company itself. An NBC-3 report is furnished about 45 minutes after the detonation; NBC-5 report and/or contamination overlay is provided about 4 hours after the detonation.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company's primary mission is performed concurrently with all NBC actions.
- .2 ____ The company is advised of estimated time of fallout arrival, and subordinate units are notified.
- .3 ____ Continuous monitoring is maintained using the IM-174 detector or an AN/VDR-2 radiac set.
- .4 ____ Equipment, munitions, POL, food, and water are protected from
- .5 ____ Personnel take protective measures to minimize fallout
- .6 ____ NBC-4 reports are forwarded, as required, to the supported command element by secure means.

ENCLOSURE (1)

- .7 ____ The company's total dose information is measured, if possible, using the IM-143 or AN/PDR-75 and reported to the supported command element using available secure means.
- .8 ____ Exposure is minimized while the command element determines if relocation to a clean area is necessary.
- .9 ____ Personnel are able to handle and provide first aid treatment to casualties in a nuclear environment.
- .10 ____ Casualties and fatalities are assessed.
- .11 ____ Vehicles are assessed for damage.

EVALUATOR INSTRUCTIONS: Commander is advised of estimated time of fallout arrival.

KEY INDICATORS:

PERSONNEL PROTECTIVE MEASURES

Personnel take the following measures to minimize fallout effects:

- Place a wet cloth across mouth and nose.
- Make the AAV as air tight as possible.
- Utilize outer garments, such as ponchos, to the maximum extent possible.
- Keep the inside of the vehicle as clean as possible.

TASK: 10B.06.05 PERFORM RADIOLOGICAL DECONTAMINATION

CONDITION(S): Fallout has ceased, and personnel and equipment are hazard to personnel does not allow time for the radiation to decay to a minimum level. Time and tactical situation permits hasty decontamination. Decontamination support is not available.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company CO establishes decontamination priorities.
- .2 ____ A hasty decontamination point is established out of the
- .3 ____ Movement to the decontaminated site is controlled and is
- .4 ____ Decontamination personnel wear appropriate protective clothing and equipment.
- .5 ____ Equipment and vehicles are decontaminated using appropriate expedient devices. (KI)
- .6 ____ Contaminated areas are marked with NATO standard NBC markers.
- .7 ____ Adequacy of decontamination is determined utilizing the AN/VDR-2.

ENCLOSURE (1)

- .8 ____ Contaminated materials are discarded according to tactical SOP, marked as contaminated, and location is provided to
- .9 ____ Decontamination personnel are decontaminated, as necessary.
- .10 ____ Operational Exposure Guidance (OEG) is not exceeded.
- .11 ____ Total dose information for the operational decontamination area is recorded and reported utilizing the AN/VDR-2 to

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

EXPEDIENT DECONTAMINATION

The rule of thumb for expedient decontamination is wet on wet and dry on dry. If the contaminate is wet, utilize buckets of water or if possible, splash the AAVs into a body of water. If the contaminant is dry, simply brush it off the vehicles and personnel.

TASK: 10B.06.06 CROSS A RADIOLOGICALLY CONTAMINATED AREA

CONDITION(S): The tactical situation forces the AAV company to cross a contaminated area.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company's reconnaissance element is provided the turnback
- .2 ____ The reconnaissance element is dispatched to reconnoiter new
- .3 ____ The company crosses expected contaminated area while employing contamination avoidance techniques.
- .4 ____ Operational Exposure Guidance (OEG) is not exceeded.
- .5 ____ After clearing the contaminated area, the degree of personnel and equipment contamination is determined, using the
- .6 ____ Decontamination priorities are established and performed, as
- .7 ____ The company's total dose information is recorded, using available IM-143s or AN/PDR-75s, and reported to higher

EVALUATOR INSTRUCTIONS: The evaluator will provide the AAV company with turnback and dose rates, if higher headquarters does not.

KEY INDICATORS: None.

TASK: 10B.06.07 PREPARE FOR A FRIENDLY NUCLEAR STRIKE

CONDITION(S): The company receives a friendly nuclear STRIKWARN per FM 6-24 and 6-15. The AAV company is within Minimum Safe Distance (MSD) 2 to 3 miles.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company commander applies the STRIKWARN to the situation map within 5 minutes after message receipt.
- .2 ____ Pertinent information regarding the planned detonation time of burst, ground zero, fallout coverage, MSD, etc., is available
- .3 ____ Unit is advised of its vulnerability to the burst (within MSD 1, 2 or 3) and residual contamination (within predicted
- .4 ____ Unit is advised of the measure needed to prevent casualties, damage, and extended interference with the mission.
- .5 ____ The company implements protective measures, as directed by higher headquarters, consistent with the mission.
- .6 ____ Personnel minimize exposure by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a
- .7 ____ Personnel take cover in fighting holes, bunkers, armored vehicles, existing shelters (basements, culverts, caves, tunnels, etc.), or lie prone on open ground.
- .8 ____ Vehicles are placed behind masking terrain.
- .9 ____ External electronic equipment is protected from EMP and Transient Radiation Effects on Electronics (TREE). (KI)
- .10 ____ All loose items (small weapons, tools, etc.) and highly flammable/explosive items (POL, propellants, etc.) are placed in armored vehicles or shelters.
- .11 ____ Company commander acknowledges the warning before the expected time of burst. All subordinate/detached elements have been warned and protective measures implemented.

EVALUATOR INSTRUCTIONS: Evaluator simulates nuclear detonation with an artillery or nuclear blast simulator, or informs the unit that nuclear blast has occurred. Evaluator assesses casualties and damage to unprotected personnel and equipment.

KEY INDICATORS:

ELECTRONIC EQUIPMENT

When an AAV company has been informed that a nuclear blast is imminent, the following precautionary measure should be taken:

- On the C-7, only utilize the crew's radio to save the MIQs and MIQ-115.

TASK: 10B.06.08 PREPARE FOR CHEMICAL AGENT ATTACK

CONDITION(S): The AAV company is informed that chemical weapons have theater of operations and that a chemical attack is imminent.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company has a plan which addresses chemical defense/decontamination procedures.
- .2 ____ All company elements, if applicable, are directed to increase MOPP consistent with mission, temperature, work rate, and supported commander's guidance.
- .3 ____ Mission-essential tasks that require a high degree of manual dexterity or physical strength, and are difficult to perform in MOPP 4 are identified. Alternate methods, such as allowing more time, rotating or assigning additional personnel, are
- .4 ____ Company personnel achieved designated MOPP level within the
- .5 ____ The buddy system is established to facilitate monitoring/treatment for chemical agent poisoning and
- .6 ____ The company continues the primary mission while implementing all actions to minimize casualties and damage.
- .7 ____ Portions of essential equipment, munitions, POL, food, and water supplies that cannot be placed in a shelter are covered with expendable or readily decontaminated tarps, shelter
- .8 ____ Detector paper is affixed to visible, horizontal surfaces of protective clothing and on equipment, munitions, etc.
- .9 ____ Company personnel have complete, M258A1, and M291 kits.
- .10 ____ The company determines and reports potential decontamination sites to higher headquarters.
- .11 ____ Available chemical agent alarms are set up and monitored.
- .12 ____ Protective NBC equipment and supplies are properly used and maintained in a high state of serviceability.
- .13 ____ Company personnel demonstrate a knowledge of chemical agent
- .14 ____ Radio operators pass and receive alert/warning messages via headset while wearing the protective mask.

EVALUATOR INSTRUCTIONS: CO/OIC is informed that chemical weapons have been used in the theater of operations and that attack is imminent.

KEY INDICATORS: None.

TASK: 10B.06.09 RESPOND TO A CHEMICAL AGENT ATTACK

CONDITION(S): The AAV company in support is subjected to a chemical agent attack.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Upon hearing a chemical alarm, personnel take immediate protective measures followed by treatment/decontamination of
- .2 ____ Personnel automatically mask upon notification of any enemy artillery, rocket, or air attack/overlight or upon perceiving a suspicious odor, airborne droplets/mist, or smoke from an
- .3 ____ Company personnel do not unmask until given the command "UNMASK" by their immediate commander.
- .4 ____ The AAV company is able to perform it's mission for at least four hours while in MOPP 4.
- .5 ____ The type of chemical agent is identified utilizing the M256 kit or M8 paper, and reported to the supported unit.
- .6 ____ Contamination is located and marked with NATO standard
- .7 ____ Location and type of contamination is reported to the supported command element.
- .8 ____ The supported commander determines if immediate relocation to a clean area is necessary or possible, consistent with the
- .9 ____ The supported commander/company commander determines priorities for decontamination.
- .10 ____ WIAs are decontaminated, wrapped and marked as contaminated if decontamination is not performed, and evacuated. Medical treatment facility is alerted.
- .11 ____ KIAs are wrapped, marked as contaminated, and evacuated as mission permits. Graves registration collection point is
- .12 ____ Unmasking procedures is followed when directed by command.
- .13 ____ WIEs are evacuated to the medical treatment facility as
- .14 ____ KIAs are evacuated to the graves registration collection point as mission permits.
- .15 ____ Detector kits are serviced and returned to operation.
- .16 ____ Expended chemical defense items are replaced, as required.
- .17 ____ CO/OIC adjusts MOPP level, as required.
- .18 ____ Company personnel are able to handle and provide first aid treatment to casualties in a chemical environment.

EVALUATOR INSTRUCTIONS: Training site should support the type of activities being conducted and permit safe use of simulators and devices. Selected personnel are presented decontamination training kits and first aid treatment training devices to "treat designated casualties." Every attempt must be made

ENCLOSURE (1)

to provide a realistic situation through devices, scenarios, or other aids developed through innovation. The key to a thorough evaluation is a realistic, believable, well supported situation imposed by the trainer/evaluator.

KEY INDICATORS:

CHEMICAL CASUALTIES

Chemical casualties are described as:

- Personnel without mask and hood within arms reach, without decontamination kits, or not wearing chemical protective clothing.
- Personnel not taking immediate corrective actions upon perceiving the attack, hearing a chemical agent alarm, being ordered to mask, or using incorrect masking procedures (not masking within nine seconds), or making incorrect use of decontamination kits/first aid treatment items.
- Marines who unmask or otherwise assume a lesser degree of MOPP without being authorized to do so.

UNMASKING PROCEDURES

The unmasking procedures outlined below are to be initiated after being notified to do so by higher headquarters or the immediate commander. They show procedures to be used with and without the M256 chemical agent detector kit.

1. Initiate unmasking when a detector kit is available:

- a. Use the detector at different points in the perimeter to determine the presence of chemical agents.
- b. If no agent is detected the senior Marine present will designate two or three individual Marines to unmask for five minutes and then remask for 10 minutes. This is to be done in the shade. Weapons are removed from individuals prior to unmasking.
- c. If no symptoms appear, unmasking unit will accomplish this by 1/3 on the unit intervals. However, they remain alert for symptoms.

2. When no detector kit is available, the following unmasking procedures will be adhered to:

- a. Two or three Marines take a deep breath, hold it, keep their eyes open, break the seal on their masks and hold the masks open for 15 seconds.
- b. With masks resealed and cleared, the Marines are checked for symptoms for the next 10 minutes. This occurs in the shade.
- c. If no symptoms appear, the same Marines break the seal of their masks, take two or three deep breaths, then clear and reseal their masks. Weapons are removed from the individuals prior to unmasking.
- d. If after 10 minutes no symptoms have appeared, the same Marine unmask for five minutes, and then remask.
- e. If after 10 more minutes no symptoms have appeared, the rest of the

ENCLOSURE (1)

unit may unmask. However, they remain alert for symptoms.

NOTE: After each unmasking, always notify higher headquarters.

TASK: 10B.06.10 PERFORM PARTIAL DECONTAMINATION

CONDITION(S): Company personnel and equipment have been contaminated by agent. Emergency decontamination has been accomplished. Time is not available for complete decontamination. The hazard is such that partial decontamination is required. All personnel are maintaining a maximum MOPP.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Company personnel decontaminate individual weapons and equipment using appropriate decontamination kits.
- .2 ____ Extent of decontamination is determined and the company commander establishes decontamination priorities.
- .3 ____ Contaminated protective covers are removed, decontaminated, or
- .4 ____ Decontamination procedures are appropriate to items being decontaminated. (KI)
- .5 ____ Company personnel conduct hasty decontamination of equipment and vehicles using appropriate expedient devices.
- .6 ____ Adequacy of decontamination is determined. If inadequate:
 - a. Procedures are repeated.
 - b. Decontamination support is requested.
 - c. Risk of using equipment is accepted.
- .7 ____ Contaminated materials are discarded according to tactical SOP, marked as contaminated, and location provided to
- .8 ____ OIC reduces MOPP level, if required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DECONTAMINATION PROCEDURES

1. Initial decontamination of company equipment, vehicles, and crew-served weapons may be accomplished by:
 - a. Removing all gross liquid contamination with sticks or other improvised devices which are buried after use.
 - b. Utilizing M11 decontamination apparatuses filled with DS2 to spray areas frequently used or touched. (Water is used to simulate DS2 in a training environment).

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2. Contaminated items that may need special decontamination treatment are:

a. POL, food, and water containers and munitions. These are washed with soapy water, rinsed, and thoroughly air dried.

b. Communications equipment and other electronic equipment. Decontaminated with hot air, by weathering, or all metal parts are wiped with rags soaked with DS2 (water is used for training purpose).

c. Optical instruments are blotted with rags and then wiped with lens cleaning solution or organic solvent.

3. Adequacy of decontamination is determined using the chemical agent detector kit. If contamination is still present, decontaminate again.

4. Hasty decontamination procedures can be developed in the vehicle wash down phase and the MOPP gear exchange phase.

a. Vehicle wash down phase: Vehicle washdown should be completed within an hour for best results. If available, the most expedient manner for AAVs would be to "splash" a body of water such as a river or the ocean. The tactical situation may require an M12A1 decontamination apparatus be requested from the supported headquarters.

b. MOPP gear exchange phase: MOPP gear exchange is the exchange of protective clothing as soon as the tactical situation permits or within six hours of being contaminated. Proper security must be arranged. The buddy system is utilized. The area needs to be continually checked to be sure it is free of contamination. Once unmasking procedures have been completed, personnel may unmask to provide relief from the MOPP 4 posture.

TASK: 10B.06.11 COORDINATE FOR COMPLETE DECONTAMINATION OF EQUIPMENT

CONDITION(S): The AAV company's equipment has been contaminated by a Emergency decontamination has been accomplished. Time is now available for complete decontamination, and support is available upon request.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The company commander coordinates with the decontamination unit as to his time of arrival at the Decon site and the supplies, equipment, and personnel to be furnished by the contaminated company. The estimated time of completion is
- .2 ____ Company commander request and receives route clearance to Personnel Decontamination Station/Equipment Decontamination Station (PDS/EDS) assembly area. Advance party (personnel to augment decontamination operation and establish security) is
- .3 ____ Main body arrives at PDS/EDS assembly area and organizes for
- .4 ____ Decontamination begins as scheduled.
- .5 ____ The company reorganizes in a clean area upwind of residual contamination and prepares for resumption of mission.

ENCLOSURE (1)

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.6 ____ CO/OIC adjusts MOPP level, as required.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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SECTION 10C

ASSAULT AMPHIBIAN PLATOON

ENCLOSURE (1)

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ENCLOSURE (1)

MPS 10C.01 - ASSIGNMENT TO SUPPORT OPERATIONS

TASK: 10C.01.01 CONDUCT INITIAL PLANNING

CONDITION(S): An AAV platoon is given the mission to support tactical as an attached unit or in direct support.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon commander promptly reports to the supported commander
- .2 ____ Platoon commander conducts mission analysis.
- .3 ____ Platoon commander issues a warning order to section leaders.
- .4 ____ Platoon sergeant coordinates all maintenance, recovery, and logistic requirements of AAV unit and establishes appropriate support arrangement. (KI)
- .5 ____ Platoon commander develops an AAV estimate of supportability.
- .6 ____ Platoon commander participates in a leaders recon with both the supported unit and other supporting element leaders to ensure AAVs are fully integrated into the supported unit's
- .7 ____ Platoon commander recommends routes/axis of advance, determines time and distance of AAV movement, employment methods, and communication requirements to the supported unit.
- .8 ____ Incorporate Operational Risk Management (ORM) into planning.
- .9 ____ Platoon commander develops appropriate plans after receipt of the supported commander's decision.
- .10 ____ Platoon commander attends the issuance of the supported unit's five paragraph order.
- .11 ____ Platoon commander issues his five paragraph order.
- .12 ____ All changes in operational readiness of AAVs are promptly reported to the supported unit or parent command.

EVALUATOR INSTRUCTIONS: The focus of this task is on the AAV platoon leaders as they fulfill their basic responsibilities to the supported unit. The evaluator should note that some of the requirements are one time actions and some are repetitive actions that will reoccur as the tactical situation changes.

KEY INDICATORS:

TIME MANAGEMENT

Ensure commander allocate 2/3 of available time for planning and preparation by subordinate units. Time is allocated at all levels. In order to fulfill requirements, commanders manage available time to ensure that appropriate rest (sleep) periods are available (tactical situation permitting) in order to ensure that peak efficiency and alertness is maintained.

ENCLOSURE (1)

OPERATIONAL RISK MANAGEMENT (ORM)

Ensure commanders utilize the five step ORM process, per MCO 3500.27, in their planning which includes: identify hazards, assess hazards, make risk decisions, implement controls, and supervise.

TYPES OF SUPPORT

Ensure that the type of support to be provided is determined for logistical purposes. In direct support the parent unit is responsible for logistical needs. If attached, the supported unit is responsible for logistical needs. The third category, general support, denotes that the AAV unit is supporting the entire force without priority any given element. In general support, the parent command retains command, control, and logistics responsibility.

ROUTES/AXIS OF ADVANCE

Ensure that routes to be followed are carefully analyzed to include the use of METT-TSL.

TASK: 10C.01.02 RESPOND TO SUPPORTED UNIT

CONDITION(S): The AAV platoon is assigned the mission to support The mission requires the capability to launch from ship to objective and/or operate on land during all periods of visibility

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon commander adheres to all applicable SOPs.
- .2 ____ The platoon complies with the supported unit's operations
- .3 ____ Enters tactical and command nets of the supported unit command element per the operations order.
- .4 ____ Platoon commander provides input to the supported unit, consistent with changing tactical requirements, concerning AAV
- .5 ____ Operational reports are submitted per the operations order in a timely and accurate manner.

EVALUATOR INSTRUCTIONS: The evaluator determines if the AAV unit adhered to the supported unit's operations SOP.

KEY INDICATORS: None.

TASK: 10C.01.03 COORDINATE GATHERING AND DISSEMINATION OF INTELLIGENCE

CONDITION(S): The AAV platoon is assigned the mission to support The supported company has intelligence data to be provided to the unit.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon uses procedures for handling intelligence matters, and addresses interoperability with supported units.
- .2 ____ The platoon commander requests intelligence based on METT-TSL.
- .3 ____ All classified material is safeguarded and limited access appropriately allowed.
- .4 ____ Platoon commander stresses intelligence awareness for all assigned personnel. (KI)
- .5 ____ Platoon commander ensures intelligence information is disseminated to section elements.
- .6 ____ Platoon commanders know the procedures to be used in handling EPWs (See Task 10C.5.10, PROCESS ENEMY PRISONERS OF WAR).

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

INTELLIGENCE AWARENESS:

Intelligence awareness includes:

- Knowledge of collection means available.
- Understanding of intelligence capabilities and limitations.
- Emphasis on OPSEC at all levels.
- Rapid reporting of raw combat information.
- Exploitation of information gleaned from EPWs.

TASK: 10C.01.04 COORDINATE COMMUNICATIONS PLANNING

CONDITION(S): The AAV platoon is assigned the mission to support

The supported unit is conducting communications planning for all elements. The enemy has the ability to conduct ESM and ECM operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon commander coordinates with supported unit's
- .2 ____ All required communications nets are identified.
- .3 ____ It is ensured that an adequate number of frequencies, FH data and Net IDs are allocated.
- .4 ____ Plans for communications redundancy, simplicity, and brevity.

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- .5 ____ Plans for the use of communications procedures contained in the supported unit's SOP or prearranged signals and other visual means which allow for brevity.
- .6 ____ Platoon commander identifies any interoperability problems.
- .7 ____ Platoon commander maintains a copy of the supported unit's communications SOP.
- .8 ____ The platoon commander stresses communication security awareness for all personnel.
- .9 ____ The platoon commander reviews the communications plan of the supported unit concerning secure voice equipment, correct key lists and edition numbers, and verifies that the AAV unit has
- .10 ____ Wire communications is stressed when in static or defensive
- .11 ____ The platoon provides the supported unit's communications personnel with AAV-7A1 briefing/training.
- .12 ____ Communications reports are included in the reports control
- .13 ____ The platoon uses alternate communications methods as needed.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

ALTERNATE COMMUNICATIONS

Communications include:

- The platoon demonstrates awareness of communications capabilities and limitations during planning.
- The platoon is prepared to erect expedient antenna systems, utilize hand/arm signals, and lay wire, when appropriate.
- Displays cognizance of importance of communications security.

TASK: 10C.01.05 COORDINATE LOGISTICS PLANNING

CONDITION(S): The AAV platoon is assigned in direct support of tactical The mission requires the capability to launch from ship to objective and/or operate on land all periods of visibility. The supported unit OpOrd calls for full use of AAV assets

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon commander conducts liaison with the supported company's staff immediately upon receipt of the mission.

ENCLOSURE (1)

- .2 ____ Platoon commander identifies AAV combat service support (CSS) requirements to the supported unit S-4 during the planning
- .3 ____ AAVs comply with prescribed loads established by the
- .4 ____ The platoon sergeant coordinates with his parent unit concerning any logistics requirements beyond the supported
- .5 ____ The platoon commander ensures vehicle recovery procedures are
- .6 ____ The platoon commander determines availability of AAV unit logistics and support vehicles, and informs the supported or
- .7 ____ Emergency resupply procedures are established.
- .8 ____ The platoon commander completes required CSS reports as designated in the reports controls system.
- .9 ____ The platoon commander/platoon sergeant establishes liaison with the MAGTF CSS element as required for higher level logistic support not within the capability of the supported or
- .10 ____ The platoon sergeant has a system to rapidly and correctly identify required repair parts and to request them through the appropriate supporting or parent unit.

EVALUATOR INSTRUCTIONS: Evaluator examines the platoon's performance throughout all phases of operations.

KEY INDICATORS:

LOGISTIC SUPPORT

Ensure the AAV unit SOP covers:

- Procedure for requesting support when in either a general or direct support role.
- Request formats.
- Standardized loads for resupply.
- Specific procedures for recovery operations.
- Procedure for 3rd echelon maintenance under field conditions.
- Procedure for replacement of major end items.

Ensure the supported unit is briefed on logistic requirements.

TASK: 10C.01.06 CONDUCT COMBAT REPORTING

CONDITION(S): The AAV platoon is assigned in direct support of tactical The supported unit's SOP and OpOrd Order contain the required reports and their

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submission times. Additional logistic and/or administration reports may be required by the AAV platoon's parent organization.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander develops a system to comply with supported unit's operations SOP and OpOrd Order reports
- .2 ____ The type of report, format, and submission requirements are
- .3 ____ The platoon commander completes all reports required to the parent organization as scheduled.
- .4 ____ Reports are submitted on time and are complete and accurate.

EVALUATOR INSTRUCTIONS: Evaluator obtains a full listing of all required reports prior to initiation of his evaluation of the platoon and ascertains that the supported unit requirements were available.

KEY INDICATORS:

REPORTS CONTROL

Ensure OpOrd or SOP stress brevity and include the following:

- Time of submission of required reports.
- Reports are submitted on "as required basis".
- Report formats permit "exception only" reporting to facilitate brevity.
- Method of submission for reports and alternate means.

ENCLOSURE (1)

MPS 10C.02 - AMPHIBIOUS OPERATIONS

TASK: 10C.02.01 CONDUCT PLANNING

CONDITION(S): The AAV platoon is in direct support of a ground unit mission to conduct an amphibious assault. The AAV platoon is embarked on ATF shipping, and has begun detailed planning.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAV platoon commander reports to the supported unit commander, attends the initial briefing, and receives the
- .2 ____ The platoon commander performs mission analysis. (KI)
- .3 ____ The platoon commander prepares an AAV estimate of
- .4 ____ The platoon commander assists the supported unit in the preparation of planning documents.
- .5 ____ The platoon commander makes recommendations on AAV utilization during the ship to objective movements to include formations,
- .6 ____ The platoon commander coordinates AAV participation during the conduct of rehearsals and briefs platoon on mission.
- .7 ____ The platoon commander coordinates the details of organization/embarkation of his AAVs.
- .8 ____ All aspects of AAV employment are coordinated with naval control groups and ATF ships involved.
- .9 ____ The platoon sergeant determines maintenance requirements for AAVs, to include recommended system for maintenance, location of maintenance personnel and equipment.
- .10 ____ The platoon commander/platoon sergeant determines requirements of AAVs for fuel, oil, and other lubricants during operations ashore, and coordinates them with the
- .11 ____ The platoon sergeant plans for the employment of signals, marking devices, etc., for AAV control during night landings and operations ashore (e.g. GAIL lights, chemical lights).
- .12 ____ The platoon commander lists safety requirement for embarking in AAVs and reviews the safety training programs for the unit
- .13 ____ The platoon commander coordinates with his section leaders and crew chiefs on plans for rehearsal of infantry embarking

EVALUATOR INSTRUCTIONS: None.

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KEY INDICATORS:

MISSION ANALYSIS

Ensure that the AAV platoon commander's analysis of the mission is per METT-T-SL.

- Ensure platoon commander develops plan for any special support.
 - Develops bump plan for any disabled AAV.
-

TASK: 10C.02.02 PREPARE FOR EMBARKATION

CONDITION(S): The AAV platoon is tasked to support an amphibious embarkation plan is being developed by the supported unit based on the scheme of maneuver and loading plan.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV representatives attend planning conferences as directed.
- .2 ____ The platoon commander completes required embarkation documentation and submits those tables in a timely manner.
- .3 ____ Preparations for the embarkation of AAVs is completed prior to the arrival of assault shipping.
- .4 ____ The platoon sergeant develops plans for loading of AAVs in the correct sequence aboard assault shipping.

EVALUATOR INSTRUCTIONS: The evaluator must be familiar with the various documents required for the completion of the embarkation plan contained in FMFM 4-2, Amphibious Embarkation.

KEY INDICATORS:

PLANNING CONFERENCES

Should include:

- Embarkation of vehicles and crews.
 - Embarkation of command, maintenance, and communication personnel requested to support vehicle commitments.
 - Loading of supplies and equipment such as fuel, ammunition (both smoke and antipersonnel), and repair parts to support embarked vehicles.
 - Staffing and equipping ATF ships designated as AAV repair ships.
-

TASK: 10C.02.03 EMBARK AAV

ENCLOSURE (1)

CONDITION(S): Planning conferences have been completed, and the AAV embarking Amphibious Task Force (ATF) shipping with infantry personnel on board the AAVs.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander/sergeant ensures surf report has been submitted per AAV parent unit SOP.
- .2 ____ Crew chiefs ensure all embarked personnel are wearing a serviceable life jacket with inflation cartridges and that a proper safety brief is conducted.
- .3 ____ The platoon commander ensures positive communication is established with the ships
- .4 ____ The platoon commander/platoon sergeant ensures a personnel manifest of all embarked Marines is submitted prior to
- .5 ____ The platoon sergeant ensures prewater operation checklists are submitted by crew chiefs prior to splashing.
- .6 ____ The platoon sergeant ensures that rescue vehicles are
- .7 ____ Loading is completed as previously coordinated with the ATF representatives at the planning conference.
- .8 ____ The platoon sergeant ensures AAVs are gripped down with appropriate devices on board ship.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

RESCUE VEHICLES

Ensure that while all vehicles are potential rescue vehicles, there is an AAV designated as the primary rescue vehicle.

TASK: 10C.02.04 PREPARE FOR DEBARKATION

CONDITION(S): While embarked aboard ATF shipping, the AAV platoon has plan rehearsals, and the landing plan has been adjusted and promulgated in its final form. The CATF has imposed EMCON.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander conducts surf analysis based on latest
- .2 ____ The platoon commander conducts final preparation under EMCON.
- .3 ____ The platoon commander attends ship pre-launch conference.

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- .4 ____ The platoon commander coordinates with ATF representatives on conduct of launch. (KI)
- .5 ____ Platoon personnel are briefed on conduct of launch.
- .6 ____ The platoon sergeant ensures ships ventilation fans are turned on before engines are started and warmed up.
- .7 ____ AAVs are marked with temporary chalk marks, etc., for ease of identification for embarked Marines.
- .8 ____ Crews have completed embarkation rehearsal and safety briefs are conducted with embarked infantry per the AAV unit SOP.
- .9 ____ Crews release, remove, and store the grippes in the proper
- .10 ____ Crews embark troops and equipment per published time
- .11 ____ Crews ensure all gear is properly stored and secured.
- .12 ____ The platoon commander ensures that the platoon sergeant collects and submits signed and verified manifest roster and pre-water checklist to ship's 1st Lieutenant and ensures

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

COORDINATION PREPARATIONS

Ensure that the platoon commander discusses the following with naval representatives and the AAV crews:

- | | |
|--|---|
| - Type of launch | - Launch interval |
| - Weather, sea and tidal conditions | - Launch sequence |
| - Prelaunch warm up time and sequence | - Ballast conditions |
| - Time for undogging AAVs | - Hand and arm signals |
| - Assignment of boat teams to AAVs | - Flag and flashing light signals |
| - Time to load man AAVs | - Frequencies and call signs |
| - Staging AAVs | - Designation of wave guides and commanders |
| - Time to launch | - Naval Control Group command and control |
| - Launch signals | - Recovery of disabled vehicles |
| - Barriers | - Signals for emergency lifting of NGF |
| - Radio checks per EMCON conditions | - Stalled vehicle procedures in well deck |
| - Beach characteristics | - Magnetic compass information |
| - Boat lane location | |
| - Multiple vehicle launches from a single ship | |
| - Simulates launches from multiple ships | |

TASK: 10C.02.05 CONDUCT DEBARKATION

ENCLOSURE (1)

CONDITION(S): Preparations for launch are being completed; AAVs are equipment are loaded.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Crews make final preparation for launch on signal. (KI)
- .2 ____ AAVs move to the "ready line" in proper sequence.
- .3 ____ AAVs launch on the signal of well deck control officer.
- .4 ____ AAVs accelerate and maneuver to clear stern of ship.
- .5 ____ AAVs complete debarkation in sequence per published time

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

FINAL PREPARATION FOR LAUNCH

Preparations should include:

- Ensure leaders keep crews alert and advised of time remaining to launch.
 - Ensure Navy well deck personnel are briefed and look for plenum indicators to be in "up" position before splash.
 - Ensure AAVs move to ready line without ground guides.
-

TASK: 10C.02.06 CONDUCT SHIP TO SHORE MOVEMENT

CONDITION(S): AAV platoon has completed debarkation from naval ships and toward the assigned beach.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAVs form in waves per the landing plan. (KI)
- .2 ____ The platoon commander maintains communications with the Primary Control Ship (PCS). (KI)
- .3 ____ Platoon maintains internal communications.
- .4 ____ Proper interval between AAVs is maintained.
- .5 ____ The LOD is crossed per the landing plan.
- .6 ____ Emergency operations/vehicle recoveries are conducted, as
- .7 ____ Wave commanders control maneuver and maintain the formation within the wave.
- .8 ____ Wave commander controls supporting fire of the AAV unit.

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- .9 ____ Smoke is utilized for screening, as required.
- .10 ____ Wave commander controls all changes to waterborne formations outside the surf zone.
- .11 ____ Wave commander controls movement of AAVs through cleared

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

LANDING PLAN

The landing plan is the plan of the supported unit commander for landing his troops, equipment, and supplies in the proper formations, on the assigned beaches and landing zones, and at the times dictated by the scheme of maneuver. It provides for the control afloat of landing craft, AAVs, helicopters, and floating dumps. Normally, the landing force landing plan is prepared as Appendix 3 (Landing Plan) to Annex B (Amphibious Operations) of the operations order. The documents/tables which deal with the troops and their equipment are included as tabs to the landing plan. The plan for landing supplies is contained in the appendix to the CSS plan. The AAV element commander prepares or helps to prepare the amphibious vehicle assignment table, the serial assignment table, the amphibious vehicle availability table, the amphibious vehicle employment plan, assault schedule, and the landing diagram.

ASSAULT SCHEDULE

The assault schedule prescribes the formation, composition, and timing of waves to be landed over the beaches. Both scheduled and nonscheduled waves are covered. Planning starts at the BLT level. BLT commanders determine the information and composition of their respective waves; scheduled and on call. The AAV commander provides input to the BLT commander and naval operations personnel on the PCS ship during the preparation of the assault schedule.

LANDING CRAFT AND AMPHIBIOUS VEHICLE ASSIGNMENT TABLE

The landing craft and amphibious vehicle assignment table depicts the organization of troop units into boat teams and the assignment of boat teams to waves or to a serialized element of a nonscheduled wave. It is prepared by the commanding officer of troops of each ship. The AAV commander advises supported commanders and staffs with respect to vehicle capacity and methods of employment. AAV platoon commander on each ship assist in the preparation of this document.

SERIAL ASSIGNMENT TABLE

A serial is a group of troop units, supporting units, and equipment embarked on the same ship and which, for tactical or logistical reasons, are to be loaded on a specified beach at approximately the same time. The serial assignment table shows the following in tabulated form:

- Serial number.
- Title of unit.
- Approximate number of personnel in the serial.

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- Material, vehicles, and equipment in the serial.
- Number and type of AAVs or landing craft required to transport the serial.
- Ship on which the serial is embarked.
- Remarks to include the landing category, designated wave, on call wave, or nonscheduled unit such remarks aid in rapid identification and location of the serial by control agencies.

LANDING SEQUENCE TABLE

Detailed plans for the ship to objective movement of nonscheduled units are set forth in the landing sequence table. It is used by troop and naval agencies as the principal document in executing and controlling the movement of nonscheduled units. The completed table forms the basis for embarkation and loading plans of the units concerned. The platoon commander advises as to which vehicle best meets the landing force requirement, where it would be best embarked, and other considerations pertaining to AAV employment.

LANDING DIAGRAM

The landing diagram is the graphic means to illustrate the plan for ship to objective movement of the scheduled waves of an assault unit. Each AAV is identified by two numbers: the first indicating the wave; the second, the position of the vehicle in the wave. The platoon commander prepares or assists in the preparation of this document.

WAVE CONTROL

The AAV wave commander maintains communications with the Primary Control Ship (PCS) and with the AAVs in the wave. The wave commander controls the wave to ensure it crosses the LOD on time, proceeds down the boat lane and touches down on time.

TASK: 10C.02.07 EVACUATE DISABLED AAV

CONDITION(S): An AAV platoon participating in a ship to objective its AAVs become disabled. A standby vehicle or boat is briefing moved into place to transfer the embarked personnel.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon sergeant designates a specific AAV as rescue vehicle during surf and waterborne operations.
- .2 ____ Crew chiefs use appropriate day/night distress signals.
- .3 ____ Wave commander and platoon sergeant are notified by radio/appropriate signals, of the nature of the problem and
- .4 ____ Crew member(s) immediately notify embarked personnel of
- .5 ____ Driver keeps master switch on, locks brakes, shifts transmission to neutral, places mode selector switch to "water tracks", and advance throttle to 1800 RPMs if engine is
- .6 ____ Driver attempts restart if engine is inoperable.

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- .7 ____ Third crewman assists embarked personnel topside for transfer.
- .8 ____ Embarked troops are correctly and safely transferred from the disabled vehicle.
- .9 ____ Crew member closes the cargo hatch, after personnel are
- .10 ____ Evacuation procedures are completed for the disabled vehicle.
- .11 ____ Crew members are knowledgeable of safety procedures to be used when an AAV is sinking or when it has sunk.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

TRANSFER OF PERSONNEL

If personnel must enter the water, the crew will ensure that their life jackets are inflated once topside. If time permits they will enter the water two at a time and remain as "buddy teams". The rescue vehicle will position itself upstream from the disabled vehicle. A boathook is used to assist in retrieving passengers.

TASK: 10C.02.08 RECOVERY OF WATERBORNE AAV

CONDITION(S): An AAV is disabled in the water with no embarked troops. The crew has notified the platoon sergeant.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The crew prepares the vehicle for towing.
- .2 ____ Rescue vehicle approaches vehicle on the leeward side.
- .3 ____ Tow lines are properly connected.
- .4 ____ All hatches on both vehicles are closed.
- .5 ____ Driver keeps master switch on, unlocks brakes, ensures transmission is in neutral, towed vehicle is towed to nearest
- .6 ____ Tow lines are then disconnected and tow bar/cables are

EVALUATOR INSTRUCTIONS: The evaluator must be familiar with the unit SOP concerning towing procedures.

KEY INDICATORS:

PREPARATION FOR TOWING

Driver keeps master switch "on" shifts transmission to neutral, places mode selector switch in "water tracks", and advances hand throttle to 1800 RPMs, if operable. Disconnects Power Take Off (PTO) and Hydrostatic Steering Unit (HSU) as necessary.

ENCLOSURE (1)

MPS 10C.03 - SUBSEQUENT OPERATIONS ASHORE

TASK: 10C.03.01 PREPARE TO OCCUPY AN ASSEMBLY AREA

CONDITION(S): An AAV platoon is ordered to move to an occupied assembly ready to embark Marines, their weapons, ammunition, and equipment.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander task organizes and assigns AAVs to the
- .2 ____ The platoon sergeant coordinates resupply means.
- .3 ____ The platoon commander considers OPSEC measures during the planning of the movement.
- .4 ____ Platoon commander coordinates designated routes with the supported unit to resolve movement schedules, and identify known obstacles, location of friendly rear units, the location of any passed enemy units or obstacles, etc.
- .5 ____ Platoon commander plans route(s) of march that offers the most cover and concealment.
- .6 ____ Platoon commander develops, in coordination with the supported units, FSC, a fire support plan, and receives frequencies and call signs of fire control nets.
- .7 ____ The platoon commander, in conducting liaison with the supported unit, dispatches a quartering party to coordinate the arrival at, and defense of, the assembly area.
- .8 ____ The platoon commander demonstrates knowledge of planning and time and distance when designating control measures (check points, release points, etc.) to ensure an orderly move to the
- .9 ____ The platoon commander provides details of vehicle markings to the supported unit in order for them to identify assigned

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10C.03.02 PREPARE FOR TACTICAL MOVEMENT FROM ASSEMBLY AREA

CONDITION(S): The AAV platoon is attached in direct support of an making final preparations for offensive operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander acknowledges receipt of order.
- .2 ____ The platoon commander issues warning order to sections/subordinate elements. (KI)

ENCLOSURE (1)

- .3 ____ Crew chiefs conduct vehicle operational checks.
- .4 ____ Vehicles are prepared for the operation, ammunition is replenished, and other special preparation requirements are completed prior to the commencement of startup procedures.
- .5 ____ The platoon commander establishes liaison with the supported unit and receives further guidance from the commander.
- .6 ____ The route/axis of advance to include control measures is
- .7 ____ The platoon commander conducts a brief detailing AAV support during the combined infantry/AAV operation, and coordinates immediate actions, i.e., ambushes, air strikes, artillery
- .8 ____ The platoon commander utilizes a terrain model, sketch, or other training aids when briefing the plan and/or conducting
- .9 ____ The platoon movement order is issued to sections/subordinate elements. (KI)
- .10 ____ The platoon commander allows the opportunity for AAV personnel questions and comments.
- .11 ____ The AAV platoon commander ensures all AAV personnel understand the plan and are cognizant of their duties and
- .12 ____ AAV crew members are briefed on rules of engagement.
- .13 ____ Crew chiefs ensure all gear is properly secured on both the interior and exterior of vehicles.
- .14 ____ Route from present location to SP/LOD is reconnoitered to determine the time the movement must be initiated in order to
- .15 ____ The platoon commander conducts pre-combat inspection.
- .16 ____ Deficiencies noted during pre-combat inspection are
- .17 ____ The platoon commander coordinates with supported elements to verify signals/communications and actions to be taken upon
- .18 ____ Weapons are test fired, if the tactical situation permits.
- .19 ____ Communications checks are conducted in such a manner as to lessen OPSEC vulnerability.
- .20 ____ COMSEC material is issued, as appropriate.
- .21 ____ Vehicles are started simultaneously.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

KEY INDICATORS:

WARNING ORDER

Ensure that the warning order includes:

- General information on the situation.
- Units to make the move and the anticipated sequence.
- Special logistic support and delivery times required for the operation.
- Anticipated time of movement.
- Time and place the formal order is to be issued and who is to attend.

MOVEMENT ORDER

Ensure the movement order includes:

- Control measures.
- Time for radio check.
- Time to start engines.
- Time SP/LOD is to be crossed.
- Order of march.
- Rate of march, catch-up speed, and interval.
- Actions at halts and upon contact.
- Route clearance time, if applicable.
- Initial techniques of movement/formations.

COORDINATION WITH SUPPORTED UNIT

Ensure prior coordination between supported and supporting organizations includes discussion of at least:

- Route of advance.
- Signals and communications.
- Actions upon contact.
- Limitations of the supported unit.
- Supportability of the mission.

ENCLOSURE (1)

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Ensure the operation order, either verbal or written when time permits, contains at least the following:

- Orientation.
 - Clearly stated mission and order of priorities.
 - Situation.
 - Commanders' intent.
 - Scheme of maneuver and available fire support.
 - Definition of all control measures to be used; checkpoints, phase lines, etc.
 - Identification of each specific objective to be seized.
 - Any limiting instructions to temper engagement with enemy forces.
 - Technique of movement to be used to include designation of leading, training, and overwatch positions to be occupied.
 - Identification of overwatch positions to be occupied.
 - Communication/Signals to be used.
 - Actions at the objective.
 - Focus of effort.
 - Be prepared for follow-on order missions.
 - Disabled vehicle disposition.
 - Critical logistics functions; i.e., rearming, refueling, emergency repairs.
-

TASK: 10C.03.03 CONDUCT PASSAGE OF LINES

CONDITION(S): The platoon is located in the assembly area with embarked have been given the task to conduct a forward passage of lines.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander acknowledges receipt of the order.
- .2 ____ The platoon commander issues warning order to
- .3 ____ The route/axis of advance to include control measures are planned in detail. (KI)
- .4 ____ The platoon commander briefs and coordinates with the supported unit for needs of mechanized passage of lines and issues the platoon the order.

ENCLOSURE (1)

- .5 ____ Conduct movement to passage of lines as briefed.
- .6 ____ Co-locate unit CP with stationary unit's CP, as necessary.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

CONTROL MEASURES

Control measures should identify:

- Designation of unit to pass.
- The enemy situation.
- Friendly situation and positions.
- Time of passage.
- Coordinate passage points and lanes.
- Number and type of vehicles to pass.
- Patrol routes and OP locations.
- Obstacle types and locations of contaminated areas.
- Fire support plans.
- Vehicle locations and attack positions.
- CS and CSS to be provided and location of assets.

TASK: 10C.03.04 RELIEF IN PLACE

CONDITION(S): The AAV platoon is task organized to support offensive operations. The enemy situation requires the relief in place of a friendly unit.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander acknowledge receipt of order.
- .2 ____ The platoon commander issues warning orders to sections/subordinate elements.
- .3 ____ The platoon commander establishes liaison with supported unit and receives commander intent.
- .4 ____ The platoon commander conducts a platoon brief detailing actions required to complete relief in place. (KI)
- .5 ____ Conduct relief in place.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

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KEY INDICATORS:

MISSION REQUIREMENTS

These should identify:

- Is the relief sequential or simultaneous?
 - Assign section positions and sectors of fire to include route to hide and fire positions.
 - Location of obstacles.
 - Fire plan sketches.
 - Apply all defensive techniques.
-

TASK: 10C.03.05 CROSS THE SP/LOD

CONDITION(S): The AAV platoon is supporting offensive operations. The addition to having direct and indirect fire and air capability, has EW capability. The AAV platoon has received the supported unit's order which specified the SP/LOD location and crossing time.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon's lead elements cross the SP/LOP on time.
- .2 ____ Crossing the SP/LOD is accomplished with minimal confusion and minimal radio communications.
- .3 ____ AAVs and supported unit crosses LOD in designated order of
- .4 ____ Platoon elements move out using designated movement techniques/formations. (KI)
- .5 ____ Unit crosses release point on time.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

TECHNIQUES OF MOVEMENT

The various techniques of movement are described in general in task 10C.3.6 and specifically as follows:

- Traveling (See task 10C.3.7)
- Traveling Overwatch (See task 10C.3.9)

If a particular movement technique is not specified in the movement order, the AAV platoon commander recommends a technique most appropriate to the enemy situation and terrain.

ENCLOSURE (1)

TASK: 10C.03.06 EMPLOY MOVEMENT TECHNIQUES

CONDITION(S): The AAV platoon is task organized to support offensive operations. The enemy situation and operating area requires the employment of varying movement techniques. The enemy, in addition to direct and indirect fire and air capabilities, has EW capability. The supported unit's OpOrd, based on input from the AAV platoon commander, specifies movement techniques and signals to alter the movement techniques and formations, as well as procedure to be used upon contact with the enemy.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAV platoon maintains security at all times.
- .2 ____ The platoon commander maintains positive control over lead, flank, and rear security elements.
- .3 ____ The platoon commander recommends changes to the formation as the enemy situation changes.
- .4 ____ The platoon commander recommends movement techniques that make the best use of the terrain.
- .5 ____ Moving unit communicates internally using visual signals, if
- .6 ____ Control measures are reported.
- .7 ____ The platoon responds immediately to the supported unit commander, if required.
- .8 ____ Crew members demonstrate knowledge of procedures to be used upon contact with enemy forces.
- .9 ____ AAVs employ smoke and suppressive fires for self-protection upon initial contact or as directed by the supported unit.
- .10 ____ AAVs use appropriate techniques of movement when crossing danger area. (KI)
- .11 ____ Formations are constantly adjusted to compensate for the tactical situation and the terrain.

EVALUATOR INSTRUCTIONS: Evaluators observe elements/entire unit during each move and apply the 90 percent rule.

KEY INDICATORS:

CROSSING DANGER AREAS

Upon reaching a danger area (e.g., wooded area, defile, bridge, urban area, obstacles to be cleared, etc.), the AAV unit establishes local vehicle security, establishes overwatch positions, and dismounts infantry to secure the danger area as necessary. AAV unit moves through danger area by echelon or as situation dictates. Coordination between the infantry and the supporting AAV unit is critical to the successful completion of the task.

ENCLOSURE (1)

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TASK: 10C.03.07 MOVE BY TRAVELING

CONDITION(S): The AAV platoon moves by traveling when enemy contact is speed is essential.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAVs move in the ordered formation.
- .2 ____ Sections/Subordinate units move by traveling.
- .3 ____ All elements move at the maximum safe speed.
- .4 ____ Platoon formations use covered and concealed routes to maximum extent possible.
- .5 ____ The platoon commander reports crossing control measures as

EVALUATOR INSTRUCTIONS: Ninety percent rule applies.

KEY INDICATORS: None.

TASK: 10C.03.08 MOVE BY TRAVELING OVERWATCH

CONDITION(S): The AAV platoon moves by traveling overwatch when contact is possible.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV platoon's lead element continues to move, acting as the base unit, maintaining the rate and direction of march. (KI)
- .2 ____ Trailing elements move at variable speeds frequently pausing to overwatch movement of the lead element.
- .3 ____ Trailing elements key their movement to terrain and overwatch positions so they can support the lead element if that element
- .4 ____ The platoon commander reports the crossing of control measures to the supported commander as specified.

EVALUATOR INSTRUCTIONS: Evaluator advises the platoon commander that he is entering the rear of the battle area and enemy contact is possible.

KEY INDICATORS:

LEAD ELEMENT MOVEMENT

The lead element's rate of movement must be governed by the ability of the trailing elements to arrive at and establish appropriate overwatch positions.

TASK: 10C.03.09 MOVE BY BOUNDING OVERWATCH

ENCLOSURE (1)

CONDITION(S): The AAV platoon moves by bounding overwatch when contact is expected/imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Bounding overwatch techniques are utilized.
- .2 ____ Overwatch sections/elements occupy overwatch position(s) and searches adjacent terrain. (KI)
- .3 ____ Overwatch positions offer good fields of fire to cover bounding AAV section/element.
- .4 ____ Bounding AAV section/element moves into terrain being searched by overwatch section(s) and takes up good overwatch positions.
- .5 ____ Bounding section occupies subsequent overwatch positions, searches adjacent terrain, and verifies that it is secure.
- .6 ____ Bounding section reports by either signal or radio that it is prepared to overwatch.

EVALUATOR INSTRUCTIONS: Evaluator may deploy aggressors against lead squads/elements; 90 percent rule applies.

KEY INDICATORS:

ACTION OF OVERWATCH SQUADS/ELEMENTS

Squads/elements must:

- Vehicles occupy suitable positions and prepare to fire.
- Positions permit observation and fires upon the moving unit's axis and terrain which dominates that axis.
- Overwatch squad(s)/element engages detected enemy with all available direct fire weapons (within effective range).

TASK: 10C.03.10 CONDUCT TACTICAL HALT

CONDITION(S): The AAV platoon is required to halt while conducting a

STANDARDS: EVAL: Y; N; NE

- .1 ____ With infantry dismounted for area security, AAVs halt in a formation appropriate to the terrain, time available, and
- .2 ____ The platoon commander establishes unit security immediately to include air watches.
- .3 ____ At halt, vehicle checks are conducted per unit SOP based on
- .4 ____ Vehicles are prepared to move out in prescribed order of march.

ENCLOSURE (1)

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EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10C.03.11 CONDUCT NIGHT MOVEMENT

CONDITION(S): The AAV platoon has been ordered to provide support to an A cross country movement at night is required to link up with the adjacent unit. The adjacent unit is located at a minimum distance of 5 miles. Due to the enemy situation and tempo of operations, no infantry support is available for vehicle security. The enemy situation requires that a bounding technique of movement be utilized. The enemy has direct and indirect fire, air, and EW capabilities. The AAV platoon commander has been ordered to limit radio traffic to the absolute minimum and use covered communications.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander plans for the use of night vision
- .2 ____ The platoon commander coordinates with the adjacent unit to specify link up point, route, fire support plan, call signs and frequencies, and recognition signals.
- .3 ____ The route selection minimizes AAV exposure to the enemy.
- .4 ____ The platoon commander determines the ambient light level.
- .5 ____ The platoon commander maintains effective command and control over the formation during night operations.
- .6 ____ The AAVs reach link-up point within prescribed time.
- .7 ____ The platoon commander plans primary and alternate means of communications to ensure effective command and control.
- .8 ____ The platoon has plans for evasive maneuvers that are easily coordinated and controlled.
- .9 ____ The platoon employs navigation aids, such as the GAIL lighting system, chemical lights, GPS, etc., to aid in movement as
- .10 ____ The platoon commander plans for and employs a quartering

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10C.03.12 CONDUCT AAV GUNNERY OPERATIONS

CONDITION(S): The AAV platoon is providing .50 cal and 40mm fire support movement from hasty positions. Enemy forces are located from ranges of 200 meters to 1500 meters. The targets vary from enemy troops in trench lines and bunkers to armored vehicles.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ Section leaders demonstrate the ability to identify targets and direct effective fire on target using the appropriate weapons and fire commands. (KI)
- .2 ____ Crewmen demonstrate the ability to hit the targets they are
- .3 ____ AAV guncrews perform reconnaissance by fire, suppressive fire, engagement of point and area targets, and multiple
- .4 ____ 50 cal. barrels are changed approximately every 1000 rounds if breaks in action make it feasible.
- .5 ____ While firing at a short halt, crewmen demonstrate the ability to hit an area target.
- .6 ____ Crewmen demonstrate proper actions during weapon failures.
- .7 ____ AAV unit reports SITREP to higher headquarters.

EVALUATOR INSTRUCTIONS: The evaluator should be in a position where he can monitor fire commands as well as view the targets. Binoculars are required. All crews should be evaluated with the 90 percent rule applying.

KEY INDICATORS:

ELEMENTS OF A FIRE COMMAND

Fire commands must contain:

- Alert.
- Direction.
- Range.
- Assignment.
- Control.

TECHNIQUES OF FIRE

Different techniques are:

- a. RECONNAISSANCE BY FIRE: Fire single burst with the goal of drawing return fire from the enemy. Vehicle should be in a defiled position.
- b. SUPPRESSIVE FIRE: Direct fire designed to inflict damage and casualties at known or suspected enemy positions. Fired in bursts of 10-15 rounds every 10 seconds.
- c. POINT TARGET: A target covering a small area that can be hit by one of two burst of 10-15 rounds. Should be engaged from short halts.
- d. AREA TARGET: Normally covers a wide area. Use of the "z" pattern is most effective.

ENCLOSURE (1)

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e. MULTIPLE TARGETS: Suppressive fire is utilized. Multiple targets are engaged by different sections within the platoon(s). The targets providing the most immediate threat are engaged first.

TASK: 10C.03.13 CONDUCT AN ASSAULT

CONDITION(S): An AAV platoon with embarked troops has encountered enemy forces and must conduct an assault on their position.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Reconnoiter the enemy position to find gaps or flanks that can be exploited.
- .2 ____ The platoon commander coordinates the action of the platoon through previous rehearsed battle drills and control measures.
- .3 ____ The platoon executes a mounted/dismounted assault on the enemy position. (KI)
- .4 ____ Continue to coordinate and send SITREPs to higher
- .5 ____ Conduct consolidation. (KI)
- .6 ____ Conduct reorganization. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

THE ASSAULT

The assault is identified by:

- Seizure of the enemy occupied position mounted/dismounted.
- Assault by mass/fire and maneuver.
- Exploit all enemy defensive weaknesses.
- Platoon uses terrain features to mask movement.
- AAVs dismount infantry and support by fire.

CONSOLIDATION

Upon consolidation, platoon must:

- Eliminate enemy positions.
- Defend and prepare hasty position.
- Establish security.

ENCLOSURE (1)

- Establish fields of fire.
- Conduct reconnaissance.
- Prepare to continue the attack.

REORGANIZATION

During reorganization, platoon commander must ensure to:

- Replace key individuals.
 - Evacuate wounded, KIAs, EPWs, and damaged equipment.
 - Redistribute supplies, ammunition, and equipment within the unit, as necessary.
 - Replenish all supplies, fuel and ammunition.
 - Repair all vehicles.
-

TASK: 10C.03.14 ESTABLISH DEFENSIVE POSITIONS

CONDITION(S): The AAV platoon has been ordered to conduct defensive support of an infantry unit.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander acknowledges receipt of the supported unit's OpOrd/FRAG Order.
- .2 ____ The platoon commander conducts a reconnaissance of the assigned defensive positions.
- .3 ____ AAVs move to the initial defensive positions utilizing movement techniques appropriate to the threat, visibility, and
- .4 ____ The platoon commander coordinates with the supported unit and ensures vehicle security is provided.
- .5 ____ The platoon commander coordinates sectors of fire and the general location of vehicle fighting positions.
- .6 ____ AAV crews occupy vehicle fighting positions.
- .7 ____ AAV crews prepare range cards.
- .8 ____ Section leaders prepare fire plan sketches.
- .9 ____ The platoon commander determines the need for camouflage
- .10 ____ Crews make efforts to cover "track prints" around positions.
- .11 ____ AAV platoon lays communications wire, if time permits.

ENCLOSURE (1)

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- .12 ____ The platoon commander coordinates with the supported unit to select alternate and supplementary positions, covered and concealed routes between fighting positions, and rehearses
- .13 ____ Crewmen utilize night vision devices.
- .14 ____ The platoon is prepared to move to counterattack position,
- .15 ____ The platoon rehearses counter-attack if situation permits.
- .16 ____ The platoon rehearses movement back to subsequent battle position if in a mobile defense.
- .17 ____ The platoon conducts reconnaissance of subsequent battle position, if applicable.
- .18 ____ Crew chiefs constantly improving vehicle position.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

AAV PLATOON COMMANDER RESPONSIBILITIES

The AAV platoon commander designates sectors of fires to maximize the effectiveness of the unit's weapons. These sectors are submitted to higher headquarters for inclusion in the overall defensive overlay. He places special emphasis on the following:

- Proper utilization of terrain.
- Covered and concealed positions.
- Camouflage techniques.
- Control of key terrain.
- Defense in depth with mutually supporting fires.
- Good observation and fields of fire.
- Designated Target Reference Points (TRPs), engagement areas, boundaries, and Armor Kill Zones (AKZs).
- Cover for likely fields of approach.
- Long range and flanking fires.
- Supplemental positions.
- Coordination with adjacent units.
- Plans for close and midrange fires.
- Plan for withdrawal.
- Designated priority of work.

ENCLOSURE (1)

- Assignment of target priorities.
 - Construct/Coordinate emplacement of obstacles.
-

TASK: 10C.03.15 EMPLOYMENT OF AAV WEAPONS IN THE DEFENSE

CONDITION(S): The AAV platoon is providing fire support from defensive night. Enemy forces are located from ranges of 200 meters. The targets vary from troops in trench lines and bunkers to armored vehicle.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Crew chief checks boresight of the vehicles weapons station.
- .2 ____ Crew chiefs make appropriate range cards. (KI)
- .3 ____ Section leaders make fire plan sketches.
- .4 ____ Based on the range card, crewman demonstrate the ability to employ 50 cal against suitable targets.
- .5 ____ Based on range cards, AAV crewman demonstrate the ability to employ 40mm grenade launcher against suitable targets.
- .6 ____ AAV organic firepower assets are employed per control measures in effect at the time of engagement. (KI)

EVALUATOR INSTRUCTIONS: Pyrotechnics are fired to provide ambient light to ensure the target is being hit of NVGs are not available or utilized.

KEY INDICATORS:

CONTROL MEASURES

Published by the senior headquarters or supported unit and should include:

- Target reference point.
- Engagement areas/armor kill zones.
- Sectors and limits of fire.
- Unit boundaries.
- Target priorities for each weapon system.

RANGE CARDS

The four essential parts of a range card are:

- Target identification.
- Azimuth.

ENCLOSURE (1)

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- Range.
 - Evaluation.
-

TASK: 10C.03.16 EMPLOYMENT OF SMOKE SCREEN

CONDITION(S): The AAV platoon is supporting embarked infantry personnel. Enemy forces have engaged the element. The employment of smoke has been briefed prior to the commencement of operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV crews correctly load and fire the M257 Smoke Grenade
- .2 ____ Lays down a smoke screen.
- .3 ____ AAV crews demonstrate immediate action on the M257 Grenade

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

IMMEDIATE ACTION

If the M-257 Smoke Grenade Launcher does not fire on the first attempt, immediate action procedures are as follows:

- Shut down electrical power in the turret.
- Wait 10 seconds, rearm system and attempt to fire.
- Shut down electrical power in the turret.
- Wait 10 seconds, gunner checks for properly seated grenade. Secure turret hatch, turn electrical power on, rearm and attempt to fire.
- Shut down electrical power in the turret.
- Wait 10 seconds, remove grenade and stow the round to turn in later to EOD personnel for disposal.

ENCLOSURE (1)

MPS 10C.04 - SUPPLY AND MAINTENANCE OPERATIONS

TASK: 10C.04.01 CONDUCT RECOVERY OPERATIONS

CONDITION(S): The AAV platoon is in direct support. An AAV has become a casualty and must be recovered.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Immediate actions are taken to extract personnel and/or extinguish fires, consistent with the tactical situation.
- .2 ____ Medvac SITREPS are to be sent to higher headquarters.
- .3 ____ The crew of disabled AAV, with platoon maintenance chief, conducts battle damage assessment and makes repairs, if
- .4 ____ The platoon sergeant requests a recovery vehicle through the supported or parent unit.
- .5 ____ The platoon sergeant coordinates recovery effort with the supported unit including the location of, and route to, the
- .6 ____ Disabled vehicle(s) and/or equipment is recovered/evacuated.
- .7 ____ NBC contaminated equipment is recovered/evacuated. (KI)
- .8 ____ The platoon commander requests replacement vehicle, if
- .9 ____ Crewmen use approved methods of AAV destruction to prevent the enemy use of vehicle if it cannot be salvaged or recovered.

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the TEC, inserts sufficient vehicle casualty play into the tactical scenario to evaluate this task including simulated destruction of AAV.

KEY INDICATORS:

RECOVERY COORDINATION

The recovery effort coordination:

- Coordination with the supported unit to ensure familiarization with the situation and tactical control measures in effect.
- Identifying location and a route to vehicle/equipment.
- Locating vehicle/equipment without excessive searching.
- Ensuring security augmentation, if tactically required.

RECOVERY, EVACUATION OR CONTAMINATED EQUIPMENT

NBC contaminated recovery operations have the following additional requirements:

- Crews adopt MOPP 4 and button up recovery vehicle before entering contaminated

ENCLOSURE (1)

area.

- Select route that minimizes exposure.
 - Enforce all safety regulations.
 - Rig for evacuation.
 - Recover vehicle/equipment and evacuate it to the EDS.
 - Assist EDS personnel in decontaminating the recovery vehicle.
 - Evacuate to the appropriate maintenance/support activity.
-

TASK: 10C.04.02 CONDUCT SUPPLY AND MAINTENANCE OPERATIONS

CONDITION(S): The AAV platoon is tasked to support tactical operations and/or on land. Initial planning has been completed, as well as liaison with the supported and/or parent unit. Final preparations for supportability have been completed.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV platoon commander and/or AAV parent unit maintenance provide input into the logistics plan. (KI)
- .2 ____ AAV crews conduct timely crew maintenance (second echelon maintenance and below) prior to deployment.
- .3 ____ Supply and maintenance responsibilities are clearly understood by the platoon commander and the supported unit commander.
- .4 ____ AAV crews are trained in all the operation, preventative maintenance, and lubrication tasks related to their vehicle.
- .5 ____ Trained maintenance personnel from the parent company are attached to the platoon and are located well forward and readily available to the AAV unit. (KI)
- .6 ____ The platoon carries an operational block of repair parts while deployed, to include PEB, extended maintenance materials, and disposable items for all organic equipment.
- .7 ____ Preventative maintenance "spot check" inspections are conducted on a routine basis, and a continuing service program

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with TEC, inserts sufficient logistic and maintenance requirements into the tactical scenario to provide for evaluation of this task.

ENCLOSURE (1)

KEY INDICATORS:

ORGANIZATIONAL MAINTENANCE

Ensure organizational maintenance is organized to accomplish the following:

- Make repairs as far forward as possible.
- Identify and record precise discrepancies of the vehicles and equipment to include specific parts and actions required.
- Provide necessary personnel, parts, tools, and equipment to affect repairs.
- Repair and return vehicles and equipment to the unit in a timely manner.

ENCLOSURE (1)

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MPS 10C.05 - CONTINUING ACTIONS BY MARINES

TASK: 10C.05.01 IMPLEMENTING DISCIPLINE

CONDITION(S): The AAV platoon is tasked to support the tactical combat element. Operations can be waterborne, ashore, or both. The platoon is equipped for both day and night operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon personnel safeguard and clean their weapons, both individual and crew served, daily.
- .2 ____ Platoon vehicles, are given regular operator maintenance by the Marine(s) assigned to operate them.
- .3 ____ Log books are filled out including operating entries and
- .4 ____ The platoon employs it's firepower in an orderly and organized fashion when engaged. Random wastage of ammunition is not
- .5 ____ Supplies are safeguarded from the enemy and from the weather, and are not scattered about.
- .6 ____ Marine operating radios do not expose themselves to Radio Detection Finding (RDF) by unnecessary, wordy, or repetitious message traffic. Standard passwords are used and communication checks are limited. All personnel using radios adhere to required standards of performance regardless of grade.
- .7 ____ Unit cannot be detected by enemy as a result of poor noise discipline, particularly during halts.
- .8 ____ Unit cannot be detected by enemy as a result of poor light

EVALUATOR INSTRUCTIONS: If a unit is located by RDF or observation as a result of noise, light, and/or communications procedures, the standard cannot be considered as having been met. Evaluators must determine if the unit is violating light, noise, and communication procedures discipline when no aggressors or EW support is available from the TEC. This task will be evaluated over the entire exercise and evaluators will note efforts of unit leaders to maintain and correct discipline. Improvement by the unit throughout the exercise, such as standards become consistently met, may result in a "yes" marking.

KEY INDICATORS:

CONDUCT PREVENTIVE MAINTENANCE (PM)

The AAV platoon is supporting tactical operations. The operation is of limited duration; however, the AAV platoon is supporting both the ship to objective movement and land operations.

TASK: 10C.05.02 CONDUCT PREVENTIVE MAINTENANCE (PM)

ENCLOSURE (1)

CONDITION(S): The AAV platoon is supporting tactical operations. The limited duration; however, the AAV platoon is supporting both the ship to objective movement and land operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander includes preventative maintenance time during operational planning.
- .2 ____ Vehicle crew chiefs assign crewman areas of responsibility for PM and supervise their efforts.
- .3 ____ Crewmen display a sense of urgency when conducting PMs.
- .4 ____ Preoperation, during operation, and post operation checks are
- .5 ____ Proper startup procedures are followed.
- .6 ____ During scheduled/nonscheduled halts, PM checks are performed.
- .7 ____ Proper cool down procedures are followed before shutting down.
- .8 ____ Additional equipment including weapons, receive continuous maintenance by crewmen.
- .9 ____ Safety rules and regulations are followed per unit SOP.
- .10 ____ Crewmen conduct PM on communications equipment.
- .11 ____ Maintenance personnel aggressively coordinate with crew chiefs to identify corrective maintenance needs.

EVALUATOR INSTRUCTIONS: This task is applicable at all times. Evaluators must be familiar with proper first echelon maintenance and lubrication procedures.

KEY INDICATORS:

HALT CHECKS

Halt checks are scheduled to occur during all long movements. Anytime the platoon makes unscheduled halts, PM checks are made. During short halts, a walk around inspection is made to check the hull and suspension components. Longer halts include engine compartment/fluid level checks.

TASK: 10C.05.03 DEMONSTRATE DISPERSION

CONDITION(S): The AAV platoon is tasked to provide direct support to a ground element. The tactical situation requires both offensive and defense actions to occur.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAVs/Personnel maintain dispersion during movement, and in particular, do not bunch together at the conclusion of an

ENCLOSURE (1)

- .2 ____ AAVs maintain assigned positions and intervals during
- .3 ____ All platoon vehicles maintain dispersion during halts, in assembly areas, and when deployed in the defense.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10C.05.04 EMPLOY COVER AND CONCEALMENT

CONDITION(S): The AAV platoon is tasked to provide direct support of a The tactical situation requires both offensive and defensive actions to occur.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Individual Marines demonstrate attention to detail when camouflaging platoon vehicles and equipment to include protection against overhead observation.
- .2 ____ When halted for extended periods, vehicles are camouflaged with reflective surfaces dulled.
- .3 ____ Equipment and tentage are provided with appropriate netting or are concealed with natural material.
- .4 ____ The platoon commander stresses placement of men and material in areas that provide cover and concealment from casual detection by enemy air and ground assets. Use of shadow areas
- .5 ____ Covered positions allow for adequate observation and fields of
- .6 ____ Crew members correctly generate vehicle smoke for screening if required by the tactical commander.
- .7 ____ The platoon selects and prepares a position that offers the best camouflage and cover.

EVALUATOR INSTRUCTIONS: Evaluator observes individual Marines and the platoon. This task is applicable throughout the operation.

KEY INDICATORS:

COVERED POSITION

Ensure that covered firing positions satisfy the following requirements:

- Position allows the best possible observation and fields of fire consistent with the terrain and tactical situation.
 - Weapons mounted on the vehicle can cover the assigned targets/engagement areas.
 - Vehicle's hull is protected from direct fire from the front.
-

ENCLOSURE (1)

TASK: 10C.05.05 REACT TO DIRECT FIRES

CONDITION(S): The AAV platoon is moving and is engaged by enemy vehicles/armored personnel carriers, antitank gun, ATGM, or small arms.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV platoon returns fire immediately, if in range.
- .2 ____ The platoon employs smoke to obscure the enemy's observation and to screen the movement of AAVs, if tactically appropriate.
- .3 ____ The AAVs initiate evasive action and use available terrain features/dispersion.
- .4 ____ The platoon employs all available direct fire weapons to suppress the enemy.
- .5 ____ The platoon commander requests immediate fire support from mortars, artillery, NGF, and/or aircraft if available.
- .6 ____ Spot reports are submitted to the supported unit headquarters.
- .7 ____ The platoon commander continues to develop the situation.

EVALUATOR INSTRUCTIONS: A simulated or actual request for fire, artillery or mortar, is required.

KEY INDICATORS: None.

TASK: 10C.05.06 REACT TO INDIRECT FIRE

CONDITION(S): AAV platoon is moving and comes under indirect fire from source.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAVs move through the impact area, continue the mission, and button up as appropriate.
- .2 ____ The platoon employs smoke to obscure enemy's observation and to screen the movement of AAVs, if tactically appropriate.
- .3 ____ The platoon commander ensures dispersion and uses evasive maneuvers to maximize use of available covering terrain.
- .4 ____ When under "automatic masking" directives, crews don protective mask, initiate NBC monitor/survey, and submit NBC-1
- .5 ____ The platoon submits spot report and SHELLREP to the supported unit as appropriate.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

ENCLOSURE (1)

TASK: 10C.05.07 ESTABLISH TACTICAL RADIO COMMUNICATION

CONDITION(S): The AAV platoon is in direct support of tactical operations order requires the AAV platoon to operate covered circuits.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Demonstrates the ability to operate COMSEC equipment.
- .2 ____ Demonstrates the ability to use encryption devices.
- .3 ____ Demonstrates the ability to use authentication tables.
- .4 ____ AAV crews understand and demonstrate "beadwindow" procedures.
- .5 ____ Crew chiefs and section leaders are able to explain the capabilities of the vehicle communications system in the
- .6 ____ Demonstrates radio discipline by keeping conversations short and radio checks to a minimum.
- .7 ____ Reports inoperable communications equipment in a timely
- .8 ____ Demonstrates the ability to pass information by alternate
- .9 ____ Platoon personnel demonstrate the ability to perform a late net entry, if required.
- .10 ____ Platoon personnel demonstrate the ability to perform a Hot
- .11 ____ Platoon personnel demonstrate the ability to transfer SOI, COMSEC, FH data/Sync time from ANCD to ANCD (supported units
- .12 ____ Platoon personnel demonstrate the ability to load time and date from PLGR to ANCD and PLGR to RT.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10C.05.08 RESPOND TO ENEMY ELECTRONIC WARFARE (EW)

CONDITION(S): Enemy forces have the capability to conduct ESM and ECM radio spectrum. Initiative deception and frequency jamming are being used. Numerous items of friendly communications equipment are known to be in the hands of the enemy, and they are familiar with our communication techniques and procedures. Enemy antennas are located well forward.

STANDARDS: EVAL: Y; N; NE

- .1 ____ All radio nets specified as covered circuits in the CEOI plan operate in the covered mode.

ENCLOSURE (1)

- .2 ____ CEOI is followed; daily changing frequencies and call signs
- .3 ____ Operators adhere to emission control (EMCON) procedures.
- .4 ____ Vehicle commanders choose sites that provide for terrain masking to minimize enemy probability of communication
- .5 ____ Authentication is required by Marines guarding uncovered radio
- .6 ____ Marines operating radios do not reveal effectiveness of enemy jamming efforts and continue to attempt to communicate.
- .7 ____ Proven or suspected enemy electronic activity is reported to the supported unit by a "MIJI" report via wire, messenger, or other secure means in a timely manner.
- .8 ____ Relays communications by alternate means when radio are
- .9 ____ Radio operators do not compromise unit locations, strength, or commit other "BEADWINDOW" security violations.
- .10 ____ Expedient radio antennas are employed, when feasible.
- .11 ____ Low priority and routine messages are sent by other than
- .12 ____ Transmitting power is set at the minimum required to
- .13 ____ Brevity codes promulgated by the appropriate communications SOP are employed.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10C.05.09 RESPOND TO ENEMY AIR THREAT

CONDITION(S): The enemy has fixed wing and attack helicopter capability.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAV unit has established procedures for both active and passive air defense.
- .2 ____ Air guards are designated. (KI)
- .3 ____ The platoon has an alarm system to warn of air attack.
- .4 ____ Planned procedures are used to alert all personnel on board the AAVs to air attack.
- .5 ____ Crewmen are aware of, and react to, the meaning of the alarm.
- .6 ____ The platoon's maneuver elements continue to maneuver, relying on overwatch elements and air defense elements to engage

ENCLOSURE (1)

- .7 ____ If given advance warning of approaching hostile aircraft, the platoon takes appropriate passive measures. (KI)
- .8 ____ If the platoon is taken by surprise by hostile aircraft, the AAVs take appropriate active defensive actions. (KI)
- .9 ____ The platoon commander maintains fire control and causes the delivery of a heavy volume of fire at the attacking aircraft.
- .10 ____ The platoon reports attack by enemy air to the supported unit by flash message.

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the TEC, ensures that enemy air activity corresponds to contemporary threat air tactics, and that threat aircraft type is announced to the evaluated unit.

KEY INDICATORS:

AIR GUARDS

Air guards are specifically assigned within each subordinate element designated to watch for the approach of hostile aircraft. Moving units increase the number of air guards, and specify sectors to cover 360 degrees of observation. They are able to:

- State the nature of the threat; i.e., fixed-wing jet, fixed-wing prop, or rotary wing.
- Use the signal established as the alarm for attack.
- Identify friendly aircraft that are in support of the unit.

PASSIVE DEFENSE AGAINST ENEMY AIRCRAFT

If adequate advance warning alerts the AAV platoon to incoming enemy aircraft, whether it be fixed-wing or helicopter, the following passive measures should be taken:

- Slow movement down to reduce dust signature if on the move.
- Use covered and concealed firing positions; take up positions beside hill masses that will mask the vehicles and limit the approach angle of the aircraft.
- Assign sectors of fire.

ACTIVE DEFENSE AGAINST ENEMY AIRCRAFT

Once the AAV platoon has taken up a passive antiair posture, there is a possibility that enemy aircraft, especially fixed-wing, will not see the AAV unit and will bypass it. If so, the AAV platoon should stay in place until the aircraft are safely out of range then continue on with the mission. If the enemy air detects the AAV platoon, or the unit is ordered to engage the aircraft, the following steps are taken:

- On order, AAVs and embarked Marines engage the aircraft with onboard weapons systems.
- Maneuver to provide the most difficult target to the aircraft; i.e., if in a column turn at a right angle to approaching aircraft.

ENCLOSURE (1)

- Employ smoke to screen the force and move to preplanned secondary positions.
-

TASK: 10C.05.10 PROCESS ENEMY PRISONERS OF WAR

CONDITION(S): The AAV platoon is moving in a rear area without embarked and uncovers enemy soldiers attempting to impulse a mine. The enemy is captured with both the explosive device and documents.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon processes EPWs per the Marine Corps Battle Skills Test (MBST) Manual. (KI)
- .2 ____ Perishable information obtained from EPWs is reported to higher headquarters by most expeditious means.
- .3 ____ Marines handling wounded or sick EPWs ensure they receive proper medical care.
- .4 ____ EPWs are allowed to retain personal protective equipment (e.g., helmet, gas masks, etc.).
- .5 ____ EPWs and all recovered equipment/documents are transferred to higher headquarters as soon as possible.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

EPW PROCESSING:

EPWs are processed in accordance with the following:

- Individual Marines handling EPWs segregate them by type: Officers, NCOs, unranked, civilian combatants, sex, etc.
 - EPWs are searched immediately after capture, material found is tagged per the EPW from whom it was taken.
 - EPWs are required to remain silent and are not permitted to converse among themselves.
 - EPWs are processed with speed to obtain maximum intelligence benefit.
 - Marines handling EPWs ensure that they are safeguarded from abuse and from hazards of enemy fire.
-

TASK: 10C.05.11 PROCESS CASUALTY EVACUATIONS

CONDITION(S): The AAV platoon is in support and has been tasked with to provide for a waterborne means of evacuating casualties. Organic corpsmen are with the platoon.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV platoon briefs its MEDEVAC capabilities to the supported
- .2 ____ The AAV platoon understands the supported unit's MEDEVAC procedures, priorities, and required reports.
- .3 ____ AAV litter kits are properly installed and serviceable.
- .4 ____ Marines dealing with casualties prior to arrival of corpsmen demonstrate emergency first aid knowledge in the treatment for shock, fractures, penetrating wounds, and sucking chest
- .5 ____ Lightly wounded Marines apply self aid.
- .6 ____ Marines dealing with casualties are familiar with evacuation procedures, locations of medical facilities, and safe routes
- .7 ____ Marines who must be evacuated are transported to the treatment site in a tactically sound and expeditious manner with adequate on board medical assistance.
- .8 ____ Casualty reporting begins immediately through the chain of
- .9 ____ Wounded Marines' equipment is handled per Op order.

EVALUATOR INSTRUCTIONS: This task is applicable in all evaluations, and should be simulated by evaluator or TEGC input to ensure knowledge.

KEY INDICATORS:

CHAIN OF EVACUATION

AAV crewman should be aware of all possible means to MEDVAC personnel. Location of aid stations should be noted in operations orders. Each AAV platoon should have a corpsmen assigned to assist in medical treatment and evacuation.

TASK: 10C.05.12 IMPLEMENTING AAV OPERATIONAL SAFETY PRECAUTIONS

CONDITION(S): The AAV platoon is in support of day/night tactical the sea and on land.

STANDARDS: EVAL: Y; N; NE

- .1 ____ A safety brief is conducted prior to water operations.
- .2 ____ All embarked personnel must wear helmets and carry weapons with muzzles down. (KI)
- .3 ____ All personnel wear inflatable preservers with serviceable CO2 cartridges during water operations.
- .4 ____ Safety belts are not worn while the vehicle is waterborne.

ENCLOSURE (1)

- .5 ____ Embarked personnel wear normal combat equipment over a life preserver and loose enough to jettison without delay.
- .6 ____ Embarked personnel are provided an individual vision light during night operations that is attached to the life
- .7 ____ Personnel are restricted from riding on top of a moving AAV.
- .8 ____ Personnel do not ride in a moving AAV with more than their heads and shoulders extending above the hatch.
- .9 ____ No smoking is allowed.
- .10 ____ AAVs maintain a distance of at least 50 meters during periods of unrestricted visibility, or less during periods of restricted visibility while waterborne.
- .11 ____ An AAV crewmember positions himself at the aft personnel door to ensure the door is secure during all waterborne

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

HELMETS

All personnel manning AAVs wear helmets. Crewmembers normally wear communication helmets while passengers wear the Kevlar issue helmet and carry weapons with muzzles down.

LIFE PRESERVERS

All personnel wear the inflatable type life preserver at all times during water operations. AAV unit provides life preservers for crewmen and embarked personnel. Inflatable type life jackets will be worn around the neck and under equipment while vehicles are waterborn, and not contained in the carrying case at the belt.

ENCLOSURE (1)

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MPS 10C.06 - NBC OPERATIONS

TASK: 10C.06.01 PREPARE FOR NBC OPERATIONS

CONDITION(S): Threat forces have employed NBC munitions in the area destroying/disrupting operations and facilities. Due to the threat, passive and active defense measures must be used for survival of the AAV platoon.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV platoon possesses procedures for enemy NBC strikes and the reports required.
- .2 ____ All individual NBC defense equipment authorized by the table of equipment (T/E) is issued to each individual.
- .3 ____ All unit NBC defense equipment authorized by T/E is operationally ready and distributed to trained operators.
- .4 ____ NBC equipment shortages are identified and replacement actions
- .5 ____ All decontamination devices are ready for training.
- .6 ____ MOPP level is established by the supported unit and AAV personnel are at or above required MOPP level.
- .7 ____ Marines properly identify NATO or threat NBC contamination
- .8 ____ All elements of the platoon maximize the utilization of terrain features for cover, concealment, and topographic

EVALUATOR INSTRUCTIONS: Provide the platoon information to expect an imminent NBC attack by the enemy and integrate NBC scenarios with normal missions. Evaluator(s) should be school trained in the area of NBC defense (MOS 57XX) or be thoroughly trained in this area as part of evaluators' school.

KEY INDICATORS: None.

TASK: 10C.06.02 PREPARE FOR NUCLEAR ATTACK

CONDITION(S): AAV platoon commander is informed that nuclear weapons the theater of operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Backup command, control, and communication procedures are used
- .2 ____ Subordinate/displaced elements are alerted, if applicable.
- .3 ____ The platoon continues the mission while implementing actions to minimize casualties and damage.
- .4 ____ The platoon implements protective measures, as directed by higher command element, consistent with the mission.

ENCLOSURE (1)

- .5 ____ Personnel minimize exposure by rolling down sleeve, buttoning collars, and wearing additional clothing equal to a two
- .6 ____ Personnel take cover in fighting holes, armored vehicles, existing shelters (basements, culverts, caves, tunnels, etc.), or lie prone on the ground, as dictated by the time of the
- .7 ____ External electronic equipment is protected from ElectroMagnetic Pulse (EMP) and Transient Radiation Effects on
- .8 ____ Periodic monitoring is initiated, using the appropriate radiac detector devices.
- .9 ____ Vehicles are placed behind masking terrain.
- .10 ____ All loose items, flammable/explosive items, food and water, which are not stored in AAVs, are secured and protected from
- .11 ____ Platoon personnel use standard first aid procedures to provide self/buddy aid for nuclear blast and thermal effects.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10C.06.03 RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK

CONDITION(S): Nuclear burst has occurred or is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Upon recognizing the attack, all personnel take immediate action to shield themselves from blast/heat of detonation.
- .2 ____ Chain of command and communications are maintained or reestablished. AAVs resume mission, if possible.
- .3 ____ NBC-1 initial and follow-up reports, as required, are rapidly submitted to the supported command element by personnel designated or responsible for collecting the information. Reliable and complete reports are rapidly forwarded, by secure
- .4 ____ Casualties are given first aid and are evacuated to a medical treatment station as the mission permits; fatalities are evacuated to a graves registration collection point.
- .5 ____ Damage assessment is submitted by secure means to the supported headquarters per SOP.
- .6 ____ Continuous monitoring is initiated, using the appropriate radiac detection devices.

EVALUATOR INSTRUCTIONS: The evaluator announces that a nuclear blast either has occurred at a given location, or that a blast is imminent. A blast can initiate platoon action/evaluation when the commander has been informed of the pending nuclear attack.

ENCLOSURE (1)

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Evaluators will assess constructive casualties due to blast, heat, radiation, and Electro Magnetic Pulse (EMP). EMP casualties will be assessed by the evaluator for all communications systems (antennas, receivers/transmitters) that are exposed (not in a covered or hardened location/vehicle) during the simulated nuclear detonation.

KEY INDICATORS: None.

TASK: 10C.06.04 RESPOND TO RESIDUAL EFFECTS OF A NUCLEAR BLAST

CONDITION(S): A surface or subsurface nuclear detonation has occurred.

platoon's location is within the predicted fallout zone. An M5A2 radiological fallout predictor, or substitute, is available. The platoon gets effective downwind messages at least once every three hours. NBC-2 report is furnished to the unit about 15 minutes after the detonation, or prepared by the unit; NBC-3 report is furnished about 45 minutes after the detonation; NBC-5 report and/or contamination overlay is provided about 4 hours after the detonation.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon's mission is performed concurrently with all other
- .2 ____ The platoon is advised of estimated time of fallout arrival and subordinate elements are notified.
- .3 ____ Continuous monitoring is maintained using the appropriate radiac detector devices.
- .4 ____ Equipment, munitions, POL, food, and water are protected from
- .5 ____ Personnel take protective measures to minimize fallout
- .6 ____ NBC-4 reports are forwarded, as required, to the supported command element by secure means.
- .7 ____ Unit total dose information is measured using the appropriate radiac detector devices and report to the supported command element using available secure means.
- .8 ____ Exposure is minimized while the command element determine if relocation to a clean area is necessary.
- .9 ____ Personnel provide first aid treatment to casualties in a nuclear environment while minimizing selves and casualties to
- .10 ____ Casualties and fatalities are assessed.
- .11 ____ Vehicles are assessed for damage.

EVALUATOR INSTRUCTIONS: Commander is advised of estimated time of fallout arrival.

ENCLOSURE (1)

KEY INDICATORS:

PERSONNEL PROTECTIVE MEASURES

Personnel take the following measures to minimize fallout effects:

- Place a wet cloth across mouth and nose.
 - Make the AAV as air tight as possible.
 - Utilize outer garments, such as ponchos, to the maximum extent possible.
 - Keep the inside of the vehicle as clean as possible.
-

TASK: 10C.06.05 PERFORM RADIOLOGICAL DECONTAMINATION

CONDITION(S): Fallout has ceased, and personnel and equipment are hazard to personnel does not allow time for the radiation to decay to a minimum level. Time and tactical situation permits hasty decontamination. Decontamination support is not available.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander establishes decontamination priorities.
- .2 ____ A hasty decontamination point is established out of the
- .3 ____ Movement to the decontaminated site is controlled and is
- .4 ____ Decontamination personnel wear appropriate protective clothing and equipment.
- .5 ____ Hasty decontamination of equipment and vehicles using appropriate expedient devices occurs. (KI)
- .6 ____ Contaminated areas are marked with NATO standard NBC markers.
- .7 ____ Adequacy of decontamination is determined.
- .8 ____ Contaminated materials are discarded according to tactical SOP, marked as contaminated, and location is provided to
- .9 ____ Decontamination personnel are decontaminated as necessary.
- .10 ____ Operational Exposure Guidance (OEG) is not exceeded.
- .11 ____ Total dose information for the hasty decontamination area is recorded and reported to higher headquarters.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

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KEY INDICATORS:

EXPEDIENT DECONTAMINATION

The rule of thumb for expedient decontamination is wet on wet and dry on dry. If the contamination is wet, utilize buckets of water or if possible, splash the AAVs into a body of water. If the contaminant is dry, simply brush it off the vehicles and personnel.

TASK: 10C.06.06 CROSS A RADIOLOGICALLY CONTAMINATED AREA

CONDITION(S): The tactical situation forces the AAV platoon to cross a contaminated area.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon's reconnaissance element is provided the turnback
- .2 ____ Reconnaissance element is dispatched to reconnoiter new area.
- .3 ____ The platoon crosses expected contaminated area while employing contamination avoidance techniques.
- .4 ____ Operational Exposure Guidance (OEG) is not exceeded.
- .5 ____ After clearing the contaminated area, the degree of personnel and equipment contamination is determined.
- .6 ____ Decontamination priorities are established and performed as
- .7 ____ The platoon commander records the unit total dose information and reports the results to higher headquarters.

EVALUATOR INSTRUCTIONS: The evaluator will provide the AAV platoon commander with turnback and dose rates, if higher headquarters does not provide it.

KEY INDICATORS: None.

TASK: 10C.06.07 PREPARE FOR A FRIENDLY NUCLEAR STRIKE

CONDITION(S): The AAV platoon commander receives a friendly nuclear 21-40, pages 6-24 and 6-15. The platoon is within Minimum Safe Distance (MSD) 2 to 3.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander applies the STRIKWARN to the situation map within 5 minutes after message receipt.
- .2 ____ Pertinent information regarding the planned detonation (time of burst, ground zero, fallout coverage, MSD, etc.) is available to the platoon commander.

ENCLOSURE (1)

- .3 ____ Unit is advised of its' vulnerability to the burst (within MSD 1, 2 or 3) and residual contamination (within predicted
- .4 ____ Unit is advised of the measures needed to prevent casualties, damage, and extended interference with the mission.
- .5 ____ Unit implements protective measures, as directed by higher headquarters, consistent with the mission.
- .6 ____ All platoon personnel minimize exposure by rolling down sleeves, buttoning collars, and wearing additional clothing
- .7 ____ Personnel take cover in fighting holes, bunkers, armored vehicles, existing shelters (basements, culverts, caves, tunnels, etc.), or lie prone on open ground, as the time of
- .8 ____ Vehicles are placed behind masking terrain.
- .9 ____ External electronic equipment is protected from ElectroMagnetic Pulse (EMP) and Transient Radiation Effects on
- .10 ____ All loose items (small weapons, tools, etc.) and highly flammable/explosive items (POL, propellants, etc.) are placed in armored vehicles or shelters.
- .11 ____ The platoon commander acknowledge the warning before the expected time of burst. All platoon elements have been warned and protective measures implemented.

EVALUATOR INSTRUCTIONS: Evaluator Simulates nuclear detonation with an artillery blast simulator, or informs the unit that a nuclear blast has occurred. Evaluator assesses casualties and damage to unprotected personnel and equipment.

KEY INDICATORS: None.

TASK: 10C.06.08 PREPARE FOR CHEMICAL AGENT ATTACK

CONDITION(S): An AAV platoon in support is informed that chemical used in the theater of operations and that a chemical attack is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commanders have and use chemical defense SOP which addresses chemical defense and decontamination procedures.
- .2 ____ All platoon elements, if applicable, are directed to increase MOPP consistent with mission, temperature, work rate, and
- .3 ____ Mission essential tasks that are difficult to perform in MOPP 4 are identified. Alternate methods of task performance, such as allowing more time, rotating or assigning additional
- .4 ____ Marines perform up to standard in donning the protective mask and chemical agent poisoning and emergency decontamination.

ENCLOSURE (1)

- .5 ____ The buddy system is established to facilitate monitoring/treatment for chemical agent poisoning and
- .6 ____ The platoon continues its primary mission while implementing all actions to minimize NBC casualties and damage.
- .7 ____ Portions of essential equipment, munitions, POL, food, and water supplies that cannot be placed in a shelter are covered with expendable or readily decontaminated tarps, shelter
- .8 ____ Detector paper is affixed to visible horizontal surfaces of protective clothing and on equipment.
- .9 ____ Decontamination is checked to ensure the M11 is filled, individuals have complete serviceable decontamination kits, and there is an available water source with a supporting road
- .10 ____ Potential decontamination sites are reported to higher
- .11 ____ Available chemical agent alarms are set up and monitored.
- .12 ____ Protective NBC equipment and supplies are properly used and maintained in a high state of serviceability.
- .13 ____ Marines demonstrate a knowledge of chemical agent symptoms.
- .14 ____ Radio operators pass and receive alert/warning message via headset while wearing the protective mask.

EVALUATOR INSTRUCTIONS: CO/OIC is informed that chemical weapons have been used in the theater of operations and that an NBC attack is imminent.

KEY INDICATORS: None.

TASK: 10C.06.09 RESPOND TO A CHEMICAL AGENT ATTACK

CONDITION(S): An AAV platoon in support is subjected to a chemical agent

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon personnel identify the chemical alarm and take immediate protective measures.
- .2 ____ Personnel automatically mask upon notification that the enemy has used chemical weapons, or upon perceiving a suspicious odor, airborne droplets/mist, or smoke from an unknown source.
- .3 ____ Marines do not unmask until given the command "UNMASK" by their immediate commander. (KI)
- .4 ____ The AAV platoon continues its' primary mission for at least 4 hours while in MOPP 4.

ENCLOSURE (1)

- .5 ____ Type of chemical agent is identified utilizing the M256 kit or M8 paper, and reported to the supported unit if persistent
- .6 ____ Contamination is located and marked with NATO standard
- .7 ____ Location and type of contamination is reported to the supported command element.
- .8 ____ The platoon commander determines if immediate relocation to a clean area is necessary or possible and informs the supported
- .9 ____ Priorities are determined for decontamination. Decontamination support is requested by the platoon commander,
- .10 ____ WIAs are decontaminated, or wrapped, and marked as contaminated if decontamination is not performed, and evacuated. Medical treatment facility is alerted.
- .11 ____ KIAs are wrapped, marked as contaminated, and evacuated as mission permits. Graves registration collection point is
- .12 ____ Unmasking procedure is followed if nonpersistent agent.
- .13 ____ WIAs are evacuated to the medical treatment facility as
- .14 ____ KIAs are evacuated to the graves registration collection point as mission permits.
- .15 ____ Detector kits are serviced and returned to operation.
- .16 ____ Expended chemical defense items are replaced as required.
- .17 ____ The platoon commander adjusts MOPP level as required.
- .18 ____ Unit personnel are able to handle and provide first aid treatment to casualties in a chemical environment.

EVALUATOR INSTRUCTIONS: Training site should support the type of activities being conducted and permit safe use of simulators and devices. Selected personnel are presented decontamination training kits and first aid treatment training devices to "treat designated casualties". Every attempt must be made to provide a realistic situation through devices, scenarios, or other aide developed through innovation. The key to a thorough evaluation is a realistic, believable, well supported situation imposed by the trainer/evaluator.

KEY INDICATORS:

CHEMICAL CASUALTIES

Chemical casualties are described as:

- Personnel without mask and hood within arms reach, without decontamination kits, or not wearing chemical protective clothing.
- Personnel not taking immediate corrective actions upon perceiving the attack, hearing a chemical agent alarm, being ordered to mask, or using incorrect masking procedures (not masking within 9 seconds), or making incorrect

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use of decontamination kits/first aid treatment items.

- Marines who unmask or otherwise assume a lesser degree of MOPP without being authorized to do so.

The unmasking procedures outlined below are to be initiated after being notified to do so by higher headquarters or the immediate commander. They show procedures to be used with and without the M256 chemical agent detector kit.

1. Initiate unmasking when a detector kit is available.

a. Disarm participants.

b. Use the detector at different points in the parameter to determine the presence of chemical agents.

c. If no agent is detected the senior Marine present will designate two or three individual Marines to unmask 5 minutes and then remask for 10 minutes. This is to be done in the shade.

d. If no symptoms appear, remainder of unit may unmask. However, they remain alert for symptoms.

2. When no detector kit is available, the following unmasking procedures will be adhered to:

a. Disarm participants.

b. Two or three Marines take a deep breath, hold it, keep their eyes open, break the seal on their masks and hold the masks open for 15 seconds.

c. With masks resealed and cleared, the Marines are checked for symptoms for next 10 minutes. This occurs in the shade.

d. If no symptoms appear, the same marines break the seal of their masks, take two or three deep breaths, then clear and reseal their masks.

e. If after 10 minutes no symptoms have appeared, the same Marines unmask for 5 minutes and the remask.

f. If after 10 more minutes no symptoms have appeared, the rest of the unit may unmask. However, they remain alert for symptoms.

NOTE: After each unmasking, always notify higher headquarters.

TASK: 10C.06.10 PERFORM PARTIAL CHEMICAL DECONTAMINATION

CONDITION(S): Personnel and equipment have been contaminated by a Emergency decontamination has been accomplished. Time is not available for complete decontamination. The hazard is such that partial decontamination is required. All personnel are maintaining a maximum MOPP.

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STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon personnel decontaminate individual weapons and equipment using appropriate decontamination kits.
- .2 ____ The platoon command determines the extent of decontamination required and decontamination priorities are established.
- .3 ____ Contaminated protective covers are removed, decontaminated, or
- .4 ____ Decontamination procedures are appropriate to items being decontaminated. (KI)
- .5 ____ Platoon personnel conduct hasty decontamination of equipment and vehicles using appropriate expedient devices.
- .6 ____ Adequacy of decontamination is determined. If inadequate:
 - a. Procedures are repeated.
 - b. Decontamination support is requested.
 - c. Risk of using equipment is accepted.
- .7 ____ Contaminated materials are discarded according to tactical SOP, marked as contaminated, and location provided to higher
- .8 ____ The platoon commander reduces MOPP level, as feasible.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

DECONTAMINATION PROCEDURES

- 1. Initial decontamination of platoon equipment, vehicles, and crew-served weapons may be accomplished by:
 - a. Removing all gross contamination with sticks or other improvised devices which are buried after use.
 - b. Utilizing decontamination apparatus to spray areas frequently used or touched. (Water is used in a training environment).
- 2. Contaminated items that may need special decontamination treatment are:
 - a. POL, food, and water containers and munitions. These are washed with soapy water, rinsed, and thoroughly air dried.
 - b. Communications equipment and other electronic equipment. Decontaminated with hot air, by weathering, or all metal parts are wiped.
 - c. Optical instruments are blotted with rags and then wiped with lens cleaning solution or organic solvent.
- 3. Adequacy of decontamination is determined using the chemical agent detector

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kit. If contamination is still present, decontaminate again.

4. Hasty decontamination procedures can be developed in the vehicle wash down phase and the MOPP gear exchange phase.

a. Vehicle wash down phase: Vehicle washdown should be completed within an hour for best results. If available, the most expedient manner for AAVs would be the "splash" a body of water such as a river or the ocean. The tactical situation may require a decontamination apparatus to be requested from higher headquarters.

b. MOPP gear exchange phase: MOPP gear exchange is the exchange of protective clothing as soon as the tactical situation permits or within 6 hours of being contaminated. Proper security must be arranged. The buddy system is utilized. The area needs to be continually checked to be sure it is free of contamination. Once decontamination procedures have been completed, personnel may unmask to provide relief from the MOPP 4 posture.

TASK: 10C.06.11 COORDINATE FOR COMPLETE DECONTAMINATION OF EQUIPMENT

CONDITION(S): While in support, the AAV platoon's equipment has been chemical agent. Emergency decontamination has been accomplished. Time is now available for complete decontamination, and support is available upon request.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander coordinates with the decontamination unit as to time of arrival, supplies; equipment, and personnel to be furnished to his contaminated unit. The estimated time the decontamination will be completed is included in this
- .2 ____ The platoon commander requests route clearance to personnel decontamination station/equipment decontamination station (PDS/EDS) assembly area. The platoon's advance party (personnel to augment decontamination operation and establish
- .3 ____ The platoon arrives at PDS/EDS assembly area and organizes for
- .4 ____ Decontamination begins as scheduled.
- .5 ____ The platoon reorganizes in a clean area upwind of residual contamination and prepares for resumption of mission.
- .6 ____ The platoon commander adjusts MOPP level, as feasible.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

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SECTION 10D

MINE/COUNTER MINE PLATOON

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MPS 10D.01 - ASSIGNMENT TO SUPPORT OPERATIONS

TASK: 10D.01.01 CONDUCT INITIAL PLANNING

CONDITION(S): An MCM platoon is given the mission to support tactical as an attached unit or in direct support.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander promptly reports to the supported commander for planning.
- .2 ____ The platoon commander conducts mission analysis.
- .3 ____ The platoon commander issues a warning order to section
- .4 ____ The platoon commander develops an AAV estimate of
- .5 ____ The platoon commander participates in a leaders recon with both the supported unit and other supporting element leaders to ensure AAV's are fully integrated into the supported unit's
- .6 ____ The platoon commander recommends routes/axis of advance, determines time and distance of AAV movement, employment methods, and communication requirements to the supported unit.
- .7 ____ Incorporates Operational Risk Management (ORM) into planning.
- .8 ____ The platoon commander develops appropriate plans after receipt of the supported commander's decision.
- .9 ____ The platoon commander attends the issuance of the supported unit's five paragraph order.
- .10 ____ The platoon commander issues his five paragraph order.
- .11 ____ All changes in operational readiness of AAVs are promptly reported to the supported unit or parent command.
- .12 ____ The platoon sergeant coordinates all maintenance, recovery, and logistic requirements of AAV unit and establishes appropriate support arrangement. (KI)

EVALUATOR INSTRUCTIONS: The focus of this task is on the AAV platoon leaders as they fulfill their basic responsibilities to the supported unit. The evaluator should note that some of the requirements are one time actions and some are repetitive actions that will reoccur as the tactical situation changes.

KEY INDICATORS:

THE MANAGEMENT

Ensure commanders allocate 3/4 of available time for planning and preparation by subordinate units. Time is allocated at all levels. In order to fulfill requirements, commanders manage available time to ensure that appropriate rest (sleep) periods are available (tactical situation permitting) in order to ensure

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that peak efficiency and alertness is maintained.

OPERATIONAL RISK MANAGEMENT (ORM)

Ensure commanders utilize the five step ORM process, per MCO 3500.27, in their planning which includes: identify hazards, asses hazards, make risk decision, implement controls and supervise.

TYPES OF SUPPORT

Ensure that the type of support to be provided is determined for logistical purposes. In direct support the parent unit is responsible for logistical needs. If attached, the supported unit is responsible for logistical needs. The third category, general support, denotes that the AAV unit is supporting the entire force without priority to any given element. In general support, the parent command retains command, control, and logistics responsibility.

ROUTES/AXIS OF ADVANCE

Ensure that routes to be followed are carefully analyzed to include the use of METT-TSL.

TASK: 10D.01.02 RESPOND TO SUPPORTED UNIT

CONDITION(S): The MCM platoon is assigned the mission to support The mission requires the capability to launch from ship to objective and/or operate on land during all periods of visibility

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander adheres to the SOP of the supported unit on land, provides input from the AAV unit SOP for the
- .2 ____ The platoon complies with the supported unit's operation
- .3 ____ Enters tactical and command nets of the supported unit command element per the operations order.
- .4 ____ The platoon commander provides input to the supported unit, consistent with changing tactical requirements, concerning MCM
- .5 ____ Operational reports are submitted per the operations order in a timely and accurate manner.

EVALUATOR INSTRUCTIONS: The evaluator determines if the MCM unit adhered to the supported unit's operation SOP.

KEY INDICATORS: None.

TASK: 10D.01.03 COORDINATE GATHERING AND DISSEMINATION OF INTELLIGENCE

CONDITION(S): The MCM platoon is assigned the mission to support The supported company has intelligence data to be provided to the unit.

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STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon has and uses an SOP from the parent AAV unit that provides procedures for handling intelligence matters, and addresses inter-operability with supported units.
- .2 ____ The platoon commander requests intelligence based on METT-TSL.
- .3 ____ All classified material is safeguarded and limited access appropriately allowed.
- .4 ____ The platoon commander stresses intelligence awareness for all assigned personnel. (KI)
- .5 ____ The platoon commander ensures intelligence information is disseminated to section elements.
- .6 ____ Platoon is aware of the supported unit's EEI's.
- .7 ____ All unit leaders within the platoon know the procedures to be used in handling EPWs (See Task 10C.5.10, PROCESS ENEMY

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

INTELLIGENCE AWARENESS

Intelligence awareness includes:

- Knowledge of collection means available.
- Understanding of intelligence capabilities and limitations.
- Emphasis on OPSEC at all levels.
- Rapid reporting of raw combat information.
- Exploitation of information gleaned from EPWs.
- Development of relevant EEIs and OIRs.

TASK: 10D.01.04 COORDINATE COMMUNICATIONS PLANNING

CONDITION(S): The MCM platoon is assigned the mission to support The supported unit is conducting communications planning for all elements. The enemy has the ability to conduct ESM and ECM operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander coordinates with supported unit's communications officer.
- .2 ____ All required communications nets are identified.

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- .3 ____ It is ensured that an adequate number of frequencies, FH data and Net IDs are allocated.
- .4 ____ Plans for communications redundancy, simplicity, and brevity.
- .5 ____ Plans for the use of communications procedures contained in the supported unit's SOP or prearranged signals and other visual means which allow for brevity.
- .6 ____ The platoon commander identifies any interoperability
- .7 ____ The platoon commander maintains a copy of the supported unit's communication SOP.
- .8 ____ The platoon commander stresses communication security awareness for all personnel.
- .9 ____ The platoon commander reviews the communications plan of the supported unit concerning secure voice equipment, correct key lists and edition numbers, and verifies that the MCM unit has
- .10 ____ Wire communication is stressed when appropriate in static or defensive positions.
- .11 ____ The platoon provides the supported unit's communications personnel with AAV-7A1 briefing/training.
- .12 ____ Communications reports are included in the reports control
- .13 ____ The platoon uses alternate communications methods as needed.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

ALTERNATE COMMUNICATIONS

The platoon must:

- Demonstrate awareness of communications capabilities and limitations during planning.
- Be prepared to erect antenna systems, utilize hand/arm signals, and lay wire when appropriate.
- Display cognizance of importance of communications security.

TASK: 10D.01.05 COORDINATE LOGISTICS PLANNING

CONDITION(S): The MCM platoon is assigned in direct support of tactical

The mission requires the capability to launch from ship to objective and/or operate on land during all periods of visibility. The supported unit OpOrd calls for full use of AAV assets.

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STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander conducts liaison with the supported company's staff immediately upon receipt of the mission.
- .2 ____ The platoon commander identifies MCM combat service support (CSS) requirements to the supported unit S-4 during the
- .3 ____ AAVs comply with prescribed loads established by the unit SOP.
- .4 ____ The platoon sergeant coordinates with his parent unit concerning any logistics requirements beyond the supported
- .5 ____ The platoon commander ensures vehicle recovery procedures are
- .6 ____ The platoon commander determines availability of AAV unit logistics and support vehicles, and informs the supported or
- .7 ____ Emergency resupply procedures are established.
- .8 ____ The platoon commander completes required CSS reports as designated in the reports controls system.
- .9 ____ The platoon commander/platoon sergeant establishes liaison with the MAGTF CSS element as required for higher level logistic support requirements not within the capability of the
- .10 ____ The platoon sergeant has a system to rapidly and correctly identify required repair parts and to request them through the appropriate supporting or parent unit.

EVALUATOR INSTRUCTIONS: Evaluator examines the platoon's performance throughout all phases of operations.

KEY INDICATORS:

LOGISTIC SUPPORT

Ensure the AAV unit SOP covers:

- Procedure for requesting support when in either a general or direct support role.
- Request formats.
- Standardized loads for resupply.
- Specific procedures for recovery operations.
- Procedure for 3rd echelon maintenance under field conditions.
- Procedures for replacement of major end items.
- Ensure the supported unit is briefed on logistic requirements.

TASK: 10D.01.06 CONDUCT COMBAT REPORTING

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CONDITION(S): The MCM platoon is assigned in direct support of tactical operations. The supported unit's SOP and OpOrder contain the required reports and their submission times. Additional logistic and/or administration reports may be required by the AAV platoon's parent organization.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander develops a system to comply with supported unit's operations SOP and OpOrder reports control
- .2 ____ The type of report, format, and submission requirements are
- .3 ____ The platoon commander completes all reports required to the parent organization as scheduled.
- .4 ____ Reports are submitted on time and are complete and accurate.

EVALUATOR INSTRUCTIONS: Evaluator obtains a full listing of all required reports prior to initiation of his evaluation of the platoon and ascertains that the supported unit requirements were available.

KEY INDICATORS:

REPORTS CONTROL

Ensure OpOrd or SOP stress brevity and include the following:

- Time of submission of required reports.
- Reports are submitted on "as required basis".
- Report formats permit "exception only" reporting to facilitate brevity.
- Method of submission for reports and alternate means.

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MPS 10D.02 - AMPHIBIOUS OPERATIONS

TASK: 10D.02.01 CONDUCT PLANNING

CONDITION(S): The MCM platoon is in direct support of a ground unit mission to conduct an amphibious assault. The MCM platoon is embarked on ATF shipping, and has begun detailed planning.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander reports to the supported unit commander, attends the initial briefing, and receives the commander's
- .2 ____ The platoon commander performs mission analysis. (KI)
- .3 ____ The platoon commander prepares an AAV estimate of
- .4 ____ The platoon commander assists the supported unit in the preparation of planning documents.
- .5 ____ The platoon commander makes recommendation on AAV utilization during the ship-to-shore movements to include formations,
- .6 ____ The platoon commander coordinates MCM participation during the conduct of rehearsal.
- .7 ____ The platoon commander coordinates the details of organization/embarkation of his AAVs.
- .8 ____ All aspects of MCM employment are coordinated with naval control groups and ATF ships involved.
- .9 ____ The platoon sergeant determines maintenance requirements for AAVs, to include recommended system for maintenance, location of maintenance personnel and equipment.
- .10 ____ The platoon commander/platoon sergeant determines requirements of AAVs for fuel, oil, and other lubricants during ashore, and coordinates them with the supported unit's
- .11 ____ The platoon sergeant plans for the employment of signals, marking devices, etc., for AAV control during night landings and operations ashore (e.g. GAIL lights, chemical lights).
- .12 ____ The platoon commander lists safety requirements for embarking in AAVs and reviews the safety training programs for the unit
- .13 ____ The platoon commander coordinates with his section leaders and crew chiefs on plans for rehearsal of infantry embarking

EVALUATOR INSTRUCTIONS: None.

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KEY INDICATORS:

MISSION ANALYSIS

Ensure that the AAV platoon commander's analysis of the mission is per METT-TSL.

- Ensure platoon commander develops plan for any special support.
- Develops bump plan for any disabled AAV.

PREPARE FOR EMBARKATION

The MCM platoon is tasked to support an amphibious assault. The embarkation plan is being developed by the supported unit based on the scheme of maneuver and loading plan.

TASK: 10D.02.02 PREPARE FOR EMBARKATION

CONDITION(S): The MCM platoon is tasked to support an amphibious embarkation plan is being developed by the supported unit based on the scheme of maneuver and loading plan.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAV representatives attend planning conferences as directed.
- .2 ____ The platoon commander completes required embarkation documentation and submits those tables in a timely manner.
- .3 ____ Preparations for the embarkation of AAVs is completed prior to the arrival of assault shipping.
- .4 ____ The platoon sergeant develops plans for loading of AAVs in the correct sequence aboard assault shipping.

EVALUATOR INSTRUCTIONS: The evaluator must be familiar with the various documents required for the completion of the embarkation plan contained in FMFM 4-2, Amphibious Embarkation.

KEY INDICATORS:

PLANNING CONFERENCES

Ensure that planning conferences discuss:

- Embarkation of vehicles and crews.
 - Embarkation of command, maintenance, and communication personnel requested to support vehicle commitments.
 - Loading of supplies and equipment such as fuel, ammunition (both smoke and antipersonnel), and repair parts to support embarked vehicles.
 - Staffing and equipping ATF ships designated as AAV repair ships.
-

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TASK: 10D.02.03 EMBARK AAV

CONDITION(S): Planning conferences have been completed, and the MCM embarking Amphibious Task Force (ATF) shipping with personnel on board the AAVs.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon sergeant ensures surf report has been submitted per AAV parent unit SOP.
- .2 ____ Crew chief ensure all embarked personnel are wearing a serviceable life jacket with inflation cartridges and that a proper safety brief is conducted.
- .3 ____ The platoon commander ensures positive communications is established with the ship.
- .4 ____ The platoon commander/platoon sergeant ensures a personnel manifest of all embarked Marines is submitted prior to
- .5 ____ The platoon sergeant ensures prewater operation checklist are submitted by crew chiefs prior to splashing.
- .6 ____ The platoon sergeant ensures that rescue vehicles are
- .7 ____ Loading is completed as previously coordinated with the ATF representatives at the planning conference.
- .8 ____ The platoon sergeant ensures AAVs are gripped down with appropriate devices on board ship.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

RESCUE VEHICLES

Ensure that while all vehicles are potential rescue vehicles, there is an AAV designated as the primary rescue vehicle.

TASK: 10D.02.04 PREPARE FOR DEMARKATION

CONDITION(S): While embarked aboard ATF shipping, the MCM platoon has plan rehearsals, and the landing plan has been adjusted and promulgated in its final form. The CATF has imposed EMCON.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander conducts surf analysis based on latest
- .2 ____ The platoon commander conducts final preparation under EMCON.
- .3 ____ The platoon commander attends ship pre-launch conference.

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- .4 ____ The platoon commander coordinates with ATF representatives on conduct of launch. (KI)
- .5 ____ Platoon personnel are briefed on conduct of launch.
- .6 ____ The platoon sergeant ensures ships ventilation fans are turned on before engines are started and warmed up.
- .7 ____ AAVs are marked with temporary chalk marks, etc., for ease of identification be embarked Marines.
- .8 ____ Crews have completed embarkation rehearsal and safety briefs are conducted with embarked infantry per the AAV unit SOP.
- .9 ____ Crews release, remove, and store the Grippes in the proper
- .10 ____ Crews embark troops and equipment per published time
- .11 ____ Crews ensure all gear is properly stored and secured.
- .12 ____ The platoon sergeant collects and submits signed verified manifest roster and pre-water checklist to ship's 1st Lieutenant and ensures water tight integrity.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

COORDINATION PREPARATIONS

Ensure that the Platoon Commander discusses the following with naval representatives and the AAV crews:

- | | |
|--|---|
| - Type of launch | - Launch interval |
| - Weather, sea and tidal conditions | - Launch sequence |
| - Prelaunch warm up time and sequence | - Ballast conditions |
| - Time for undogging AAVs | - Hand and arm signals |
| - Assignment of boat teams to AAVs | - Flag and flashing light signals |
| - Time to load man AAVs | - Frequencies and call signs |
| - Staging AAVs | - Designation of wave guides and commanders |
| - Time to launch | - Naval Control Group command and control |
| - Launch signals | - Recovery of disabled vehicles |
| - Barriers | - Signals for emergency lifting or NGF |
| - Radio checks per EMCON conditions | - Stalled vehicle procedures in well deck |
| - Beach characteristics | - Magnetic compass information |
| - Boat lane location | |
| - Multiple vehicle launches from a single ship | |
| - Simulates launches from multiple ships | |

TASK: 10D.02.05 CONDUCT DEBARKATION

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CONDITION(S): Preparation for launch are being completed; AAVs are equipment are loaded.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Crews make final preparation for launch on signal. (KI)
- .2 ____ AAVs move to the "ready line" in proper sequence.
- .3 ____ AAVs launch on the signal of well deck control officer.
- .4 ____ AAVs accelerate and maneuver to clear stern of ship.
- .5 ____ AAVs complete debarkation in sequence per published time

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

FINAL PREPARATION FOR LAUNCH

Final preparations include:

- Ensure leaders keep crews alert and advised of time remaining to launch.
 - Ensure Navy well deck personnel are briefed and look for plenum indicators to be in "up" position before splash.
 - Ensure AAVs move to ready line without ground guides.
-

TASK: 10D.02.06 CONDUCT SHIP TO SHORE MOVEMENT

CONDITION(S): The MCM platoon has completed debarkation from naval ships proceeding toward the assigned beach.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAVs form in waves per the landing plan. (KI)
- .2 ____ The platoon commander maintains communications with the Primary Control Ship (PCS). (KI)
- .3 ____ Platoon maintains internal communications per unit SOP.
- .4 ____ Proper interval between AAVs is maintained per unit SOP.
- .5 ____ The LOD is crossed per the landing plan.
- .6 ____ Emergency operations/vehicle recoveries are conducted as
- .7 ____ Wave commanders control maneuver and maintain the formation within the wave.
- .8 ____ The wave commander controls supporting fire of the AAV unit.

ENCLOSURE (1)

- .9 ____ Smoke is utilized for screening, as required.
- .10 ____ The wave commander controls all changes to waterborne formations outside the surf zone.
- .11 ____ The wave commander controls movement of AAVs through cleared

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

LANDING PLAN

The landing plan is the plan of the supported unit commander for landing his troops, equipment, and supplies in the proper formations, on the assigned beaches and landing zones, and at the times dictated by the scheme of maneuver. It provides for the control afloat of landing craft, AAVs, helicopters, and floating dumps. Normally, the landing force landing plan is prepared as Appendix 3 (Landing Plan) to Annex B (Amphibious Operations) of the operations order. The documents/tables which deal with the troops and their equipment are included as tabs to the landing plan. The plan for landing supplies is contained in the appendix to the CSS plan. The AAV element commander prepares or helps to prepare the amphibious vehicle assignment table, the serial assignment table, the amphibious vehicle availability table, the amphibious vehicle employment plan, assault schedule, and the landing diagram.

ASSAULT SCHEDULE

The assault schedule prescribes the formation, composition, and timing of waves to be landed over the beaches. Both scheduled and nonscheduled waves are covered. Planning starts at the BLT level. BLT commanders determine the formation and composition of their respective waves; scheduled and on call.

The AAV commander provides input to the BLT commander and naval operations personnel on the PCS ship during the preparation of the assault schedule.

LANDING CRAFT AND AMPHIBIOUS VEHICLE ASSIGNMENT TABLE

The landing craft and amphibious vehicle assignment table depicts the organization of troop units into boat teams and the assignment of boat team to waves or to a serialized element of a nonscheduled wave. It is prepared by the commanding officer of troops of each ship. The AAV commander advises supported commanders and staffs with respect to vehicle capacity and methods of employment. AAV platoon commanders on each ship assist in the preparation of this document.

SERIAL ASSIGNMENT TABLE

A serial is a group of troop units, supporting units, and equipment embarked on the same ship and which, for tactical or logistical reasons, are to be loaded on a specified beach at approximately the same time. The serial assignment table shows the following in tabulated form:

- Serial number.
- Title of unit.
- Approximate number of personnel in the serial.

ENCLOSURE (1)

- Material, vehicles, and equipment in the serial.
- Number and type of AAVs or landing craft required to transport the serial.
- Ship on which the serial is embarked.
- Remarks to include the landing category, designated wave, on call wave, or nonscheduled unit. Such remarks aid in rapid identification and location of the serial by control agencies.

LANDING SEQUENCE TABLE

Detailed plans for the ship to objectives movement of on scheduled units are set forth in the landing sequence table. It is used by troop and naval agencies as the principal document in executing and controlling the movement of nonscheduled units. The completed table forms the basis for embarkation and loading plans of the units concerned. The platoon commander advises as to which vehicle best meets the landing force requirement; where it would be best embarked, and other considerations pertaining to AAV employment.

LANDING DIAGRAM

The landing diagram is the graphic means to illustrate the plan for ship to objective movement of the scheduled waves of an assault unit. Each AAV is identified by two numbers: the first indicating the wave; the second, the position of the vehicle in the wave. The platoon commander prepares or assists in the preparation of this document.

WAVE CONTROL

The AAV wave commander maintains communications with the Primary Control Ship (PCS) and with the AAVs in the wave. The wave commander controls the wave to ensure it crosses the LOD on time, proceeds down the boat lane and touches down on time.

TASK: 10D.02.07 EVACUATE DISABLED AAV

CONDITION(S): An MCM platoon participating in a ship to shore movement AAVs become disabled. A standby vehicle or boat is being moved into place to transfer the embarked personnel.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon sergeant designates a specific AAV as rescue vehicle during surf and waterborne operations.
- .2 ____ Crew chiefs use appropriate day/night distress signals per
- .3 ____ Wave commander and platoon sergeant are notified by radio/appropriate signals, of the nature of the problem and
- .4 ____ Crew member(s) immediately notify embarked personnel of
- .5 ____ Driver keeps master switch on, locks brakes, shifts transmission to neutral, places mode selector switch to "water tracks," and advances throttle to 1800 RPMs if engine is operable.

ENCLOSURE (1)

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- .6 ____ Driver attempts restart if engine is inoperable.
- .7 ____ Crew member assists embarked personnel topside for transfer.
- .8 ____ Embarked troops are correctly and safely transferred from the disabled vehicle.
- .9 ____ Crew member closes the cargo hatch, after personnel are transferred, to prevent taking on water.
- .10 ____ Evacuation procedures are completed for the disabled vehicle.
- .11 ____ Crew members are knowledgeable of safety procedures to be used when an AAV is sinking or when it has sunk.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

TRANSFER OF PERSONNEL

If personnel must enter the water, the crew will ensure that their life jackets are inflated once topside. If time permits they will enter the water two at a time and remain as "buddy teams". The rescue vehicle will position itself upstream from the disabled vehicle. A boathook is used to assist in retrieving passengers.

TASK: 10D.02.08 RECOVERY OF WATERBORNE AAV

CONDITION(S): An AAV is disabled in the water with no embarked troops. The crew has notified the platoon sergeant per unit SOP.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The crew prepares the vehicle of towing.
- .2 ____ Rescue vehicle approaches vehicle on the leeward side.
- .3 ____ Tow lines are connected per the unit SOP.
- .4 ____ All hatches on both vehicles are closed, per unit SOP.
- .5 ____ Driver keeps master switch on, locks brakes, shifts transmission to neutral, towed vehicle is towed to high water
- .6 ____ Tow lines are then disconnected and tow bar/cables are connected per unit SOP.

EVALUATOR INSTRUCTIONS: The evaluator must be familiar with the unit SOP concerning towing procedures.

ENCLOSURE (1)

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KEY INDICATORS:

PREPARATION FOR TOWING

Driver keeps master switch "on" shifts transmission to neutral, places mode selector switch in "water tracks", and advances had throttle to 1800 RPMs if operable. Disconnects Power Take Off (PTO) and Hydrostatic Steering Unit (HSU) as necessary.

ENCLOSURE (1)

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MPS 10D.03 - SUBSEQUENT OPERATIONS ASHORE

TASK: 10D.03.01 PREPARE TO OCCUPY AN ASSEMBLY AREA

CONDITION(S): An MCM platoon is ordered to move to an occupied assembly platoon is required to be task organized upon arrival in the assembly area, and to be ready to embark Marines, their weapons, ammunition, and equipment.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander task organizes and assigns AAVs to the
- .2 ____ The platoon sergeant coordinates resupply means.
- .3 ____ The platoon commander considers OPSEC measures during the planning of the movement.
- .4 ____ The platoon commander coordinates designated routes with the supported unit to resolve movement schedules, and identify known obstacles, location of friendly rear units, the location of any passed enemy units or obstacles, etc.
- .5 ____ The platoon commander plans route(s) of march that offers the most cover and concealment.
- .6 ____ The platoon commander develops, in coordination with the supported units FSC, a fire support plan, and receives frequencies and call signs of fire control nets.
- .7 ____ The platoon commander, in conjunction with the supported unit, dispatches a quartering party to coordinate the arrival at, and defense of, the assembly area.
- .8 ____ The platoon commander demonstrates knowledge of planning and time and distance when designating control measures (check points, release points, etc.) to ensure an orderly move to the
- .9 ____ The platoon commander provides details of vehicle markings to the supported unit in order for them to identify assigned

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10D.03.02 PREPARE FOR TACTICAL MOVEMENT FROM ASSEMBLY AREA

CONDITION(S): The MCM platoon is attached in direct support of an making final preparations for offensive operations.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander acknowledges receipt of order.
- .2 ____ The platoon commander issues warning order to sections/subordinate elements. (KI)
- .3 ____ Crew chiefs conduct vehicle operational checks.
- .4 ____ Vehicles are prepared for the operation, ammunition is replenished, and other special preparation requirements are completed prior to the commencement of startup procedures.
- .5 ____ The platoon commander establishes liaison with the supported unit and receives further guidance.
- .6 ____ The platoon commander establishes liaison with the supported unit and receive further guidance from the commander.
- .7 ____ The MCM platoon commander conducts a brief detailing AAV support during the combined infantry/AAV operation, and coordinates immediate actions, i.e., ambushes, air strikes,
- .8 ____ The platoon commander utilizes a terrain model, sketch, or other training aids when briefing the plan and/or conducting
- .9 ____ The platoon movement order is issued to section/subordinate
- .10 ____ The platoon commander allows the opportunity for AAV personnel questions and comments.
- .11 ____ The AAV platoon commander ensures all AAV personnel understand the plan and are cognizant of their duties and
- .12 ____ AAV crew members are briefed on rules of engagement.
- .13 ____ Crew chiefs ensure all gear is properly secured on both the interior and exterior of vehicles.
- .14 ____ Route from present location to SP/LOD is reconnoitered to determine the time the movement must be initiated in order to
- .15 ____ The platoon commander conducts pre-combat inspection.
- .16 ____ Deficiencies noted during pre-combat inspection are
- .17 ____ The platoon commander coordinates with supported elements to verify signals/communications and actions to be taken upon
- .18 ____ Weapons are test fired, if the tactical situation permits.
- .19 ____ Communications checks are conducted in such a manner as to lessen OPSEC vulnerability.
- .20 ____ COMSEC material is issued, as appropriate.

ENCLOSURE (1)

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.21 ____ Vehicles are started simultaneously.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

WARNING ORDER

Ensure that the warning order includes:

- General information on the situation.
- Units to make the move and the anticipated sequence.
- Special logistic support and delivery times required for the operation.
- Anticipated time of movement.
- Time and place the formal order is to be issued and who is to attend.

MOVEMENT ORDER

Ensure the movement order includes:

- Control measures.
- Time for radio check.
- Time to start engines.
- Time SP/LOD is to be crossed.
- Order of march.
- Rate of march, catch-up speed, and interval.
- Actions at halts and upon contact.
- Route clearance time, if applicable.
- Initial techniques of movement/formations.

COORDINATION WITH SUPPORTED UNIT

Ensure prior coordination between supported and supporting organizations includes discussion of at least:

- Route of advance.
- Signals and communications.
- Actions upon contact.
- Limitations of the supported unit.
- Supportability of the mission.

ENCLOSURE (1)

OPERATION ORDER

Ensure the operation order, either verbal or written when time permits, contains at least the following:

- Orientation.
- Clearly stated mission and order of priorities.
- Situation.
- Commanders' intent.
- Scheme of maneuver and available fire support.
- Definition of all control measures to be used; checkpoints, phase lines, etc.
- Identification of each specific objectives to be seized.
- Any limiting instructions to temper engagements with enemy forces.
- Techniques of movement to be used to include designation of leading, trailing, and overwatch elements.
- Identification of overwatch positions to be occupied.
- Communication/signals to be used.
- Actions at the objective.
- Focus of effort.
- Be prepared for follow-on order missions.
- Disabled vehicle disposition.
- Critical logistics functions; i.e., rearming, refueling, emergency repairs.

TASK: 10D.03.03 CONDUCT PASSAGE OF LINES

CONDITION(S): The MCM platoon is located in the assembly area with They have been given the task to conduct a forward passage of lines.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander acknowledges receipt of the order.
- .2 ____ The platoon commander issues warning order to sections/subordinate elements.
- .3 ____ The route/axis of advance to include control measures are planned in detail. (KI)

ENCLOSURE (1)

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- .4 ____ The platoon commander completes plan, issues order, and initiates communication checks with stationary unit.
- .5 ____ Conduct movement to passage lane as briefed.
- .6 ____ Co-locate unit CP with stationary unit's CP.
- .7 ____ Platoon conducts passage of lines.
- .8 ____ The platoon commander ensures that supported unit has completed battle hand-over.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

CONTROL MEASURES

Control measures should identify:

- Designation of unit to pass.
- The enemy situation.
- Friendly situation and positions.
- Time of passage.
- Coordinate passage points and lanes.
- Number and type of vehicles to pass.
- Patrol routes and OP locations.
- Obstacle types and locations of contaminated areas.
- Fire support plans.
- Vehicle locations and attack positions.
- CS and CSS to be provided and location assets.

TASK: 10D.03.04 SUPPORT BREACHING OPERATIONS

CONDITION(S): The MCM platoon is task organized to support offensive operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander acknowledges receipt of order.
- .2 ____ The platoon commander issues warning orders to section/subordinate elements.

ENCLOSURE (1)

- .3 ____ The platoon commander establishes liaison with supported unit and receives commander's intent.
- .4 ____ The platoon commander issues an order detailing actions required to support the breach. (KI)
- .5 ____ Conduct the breach.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

MISSION REQUIREMENTS

These include:

- 100 percent redundancy in breaching assets assigned to mission.
 - Assign section positions and sectors of fire to include route to hide and fire positions.
 - Location of obstacles.
 - Brief mine field report.
-

TASK: 10D.03.05 CROSS THE SP/LOD

CONDITION(S): The MCM platoon is supporting offensive operations. The addition to having direct and indirect fire and air capability, has EW capability. The MCM platoon has received the supported unit's order which specified the SP/LOD location and crossing time.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon's lead elements cross the SP/LOD on time.
- .2 ____ Crossing the SP/LOD is accomplished with minimal confusion and minimal radio communications.
- .3 ____ AAVs and supported unit crosses LOD in designated order of
- .4 ____ Platoon elements move out using designated movement techniques/formations. (KI)
- .5 ____ Unit crosses release point on time.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

TECHNIQUES OF MOVEMENT

The various techniques of movement are described in general in task 10C.3.6 and specifically as follows:

ENCLOSURE (1)

- Traveling (See task 10C.3.8)
- Traveling Overwatch (See task 10C.3.8)
- Bounding Overwatch (See task 10C.3.9)

If a particular movement technique is not specified in the movement order, the AAV platoon commander recommends a technique most appropriate to the enemy situation and terrain.

TASK: 10D.03.06 EMPLOY MOVEMENT TECHNIQUES

CONDITION(S): The MCM platoon is task organized to support offensive operations. The enemy situation and operating area requires the employment of varying movement techniques. The enemy, in addition to direct and indirect fire and air capabilities, has EW capability. The supported unit's OpOrd, based on input from the MCM platoon commander, specifies movement techniques and signals to alter the movement techniques and formations, as well as procedures to be used upon contact with the enemy.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The MCM platoon maintains air/ground security at all times.
- .2 ____ The platoon commander maintains positive control over lead, flank, and rear security elements.
- .3 ____ The platoon commander recommends changes to the formation as the enemy situation changes.
- 4 ____ The platoon commander recommends movement techniques that make the best use of the terrain.
- .5 ____ Moving unit communicates internally using visual signals, if
- .6 ____ Arrival at established control measures is reported to higher
- .7 ____ The platoon responds immediately to the supported unit commander, if required.
- .8 ____ Crew members demonstrate knowledge of procedures to be used upon contact with enemy forces.
- .9 ____ AAVs employ smoke and suppressive fires for self-protection upon initial contact or as directed by the supported unit.
- .10 ____ AAVs use appropriate techniques of movement when crossing danger areas. (KI)
- .11 ____ Formations are constantly adjusted to compensate for the tactical situation and the terrain.

EVALUATOR INSTRUCTIONS: Evaluators observe elements/entire unit during each move and apply the 90 percent rule.

ENCLOSURE (1)

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KEY INDICATORS:

CROSSING DANGER AREAS

Upon reaching a danger area (e.g., wooded area, defile, bridge, urban area, obstacles to be cleared, etc.), the MCM unit establishes local vehicle security, establishes overwatch positions, and dismounts embarked personnel to secure the danger area as necessary. MCM unit moves danger area by echelon or as situation dictates. Coordination between the infantry and the supporting AAV unit is critical to the successful completion of the task.

TASK: 10D.03.07 MOVE BY TRAVELING

CONDITION(S): The MCM platoon moves by traveling when enemy contact is speed is essential.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAVs move in the ordered formation.
- .2 ____ Sections/Subordinate units move by traveling.
- .3 ____ All elements move at the maximum safe speed.
- .4 ____ Platoon formations use covered and concealed routes to maximum extent possible.
- .5 ____ The platoon commander reports crossing control measures as

EVALUATOR INSTRUCTIONS: Ninety percent rule applies.

KEY INDICATORS: None.

TASK: 10D.03.08 MOVE BY TRAVELING OVERWATCH

CONDITION(S): The MCM platoon moves by traveling overwatch when contact is possible.

STANDARDS: EVAL: Y; N; NE

- .1 ____ MCM platoon's lead element continues to move, acting as the base unit, maintaining the rate and direction of march. (KI)
- .2 ____ Trailing elements move at variable speeds frequently pausing to overwatch movement of the lead element.
- .3 ____ Trailing elements key their movement to terrain and overwatch positions so they can support the lead element if that element
- .4 ____ The platoon commander reports the crossing of control measures to the supported commander as specified.

ENCLOSURE (1)

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EVALUATOR INSTRUCTIONS: Evaluator advises the platoon commander that he is entering the rear of the battle area and enemy contact is possible.

KEY INDICATORS:

LEAD ELEMENT MOVEMENT

The lead element's rate of movement must be governed by the ability of the trailing elements to arrive at and establish appropriate overwatch positions.

TASK: 10D.03.09 MOVE BY BOUNDING OVERWATCH

CONDITION(S): The MCM platoon moves by bounding overwatch when contact is expected/imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Bounding overwatch techniques are utilized.
- .2 ____ Overwatch sections/elements occupy overwatch position(s) and searches adjacent terrain. (KI)
- .3 ____ Overwatch positions offer good fields of fire to cover bounding MCM section/element.
- .4 ____ The platoon commander reports the crossing of control measures to the supported commander as specified.
- .5 ____ Bounding section occupies subsequent overwatch positions, searches adjacent terrain, and verifies that it is secure.
- .6 ____ Bounding section reports by either signal or radio that it is prepared to overwatch.

EVALUATOR INSTRUCTIONS: Evaluator may deploy aggressors against lead squads/elements; 90 percent rule applies.

KEY INDICATORS:

ACTION OF OVERWATCH SQUADS/ELEMENTS

Squads/Elements must:

- Vehicles occupy suitable positions and prepare to fire.
 - Positions permit observation and fires upon the moving unit's axis and terrain which dominates that axis.
 - Overwatch squad(s)/element engage detected enemy with all available direct fire weapons (within effective range).
-

TASK: 10D.03.10 CONDUCT TACTICAL HALT

CONDITION(S): The MCM platoon is required to halt while conducting a tactical movement.

ENCLOSURE (1)

STANDARDS: EVAL: Y; N; NE

- .1 ____ With embarked personnel for area security, AAVs halt in a formation appropriate to the terrain, time available, and
- .2 ____ The platoon commander establishes unit security immediately to include air watches.
- .3 ____ At halt, vehicle checks are conducted per unit SOP based on
- .4 ____ Vehicles are prepared to move out in prescribed order of

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10D.03.11 CONDUCT NIGHT MOVEMENT

CONDITION(S): The MCM platoon has been ordered to provide support to an A cross country movement at night is required to link up with the adjacent unit. The adjacent unit is located at a minimum distance of 5 miles. Due to the enemy situation and tempo of operations, no infantry support is available for vehicle security. The enemy situation requires that a bounding technique of movement be utilized. The enemy has direct and indirect fire, air, and EW capabilities. The MCM platoon commander has been ordered to limit radio traffic to the absolute minimum and use covered communications.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander plans for the use of night vision
- .2 ____ The platoon commander coordinates with the adjacent unit to specify link up point, route, fire support plan, call signs and frequencies, and recognition signals.
- .3 ____ The route selection minimizes AAV exposure to the enemy.
- .4 ____ The platoon commander determines the ambient light level.
- .5 ____ The platoon commander maintains effective command and control over the formation during night operations.
- .6 ____ The platoon commander and section leaders can navigate using the Global Positioning System (GPS).
- .7 ____ The AAVs navigate the planned route and reaches link-up point within prescribed time.
- .8 ____ The platoon commander plans primary and alternate means of communications to ensure effective command and control.
- .9 ____ The platoon has plans for evasive maneuvers that are easily coordinated and controlled.

ENCLOSURE (1)

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- .10 ____ The platoon employs navigation aids, such as the GAIL lighting system, chemical lights, GPS, etc., to aid in
- .11 ____ The platoon commander plans for and employs a quartering

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10D.03.12 CONDUCT AAV GUNNERY OPERATIONS

CONDITION(S): The MCM platoon is providing .50 cal and 40mm fire support hasty positions. Enemy forces are located from ranges of 200 meters to 1500 meters. The targets vary from enemy troops in trench lines and bunkers to armored vehicles.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Section leaders demonstrate the ability to identify targets and direct effective fire on target using the appropriate
- .2 ____ Crewmen demonstrate the ability to hit the targets they are
- .3 ____ Section leaders demonstrate the six basic elements of fire
- .4 ____ AAV guncrews perform reconnaissance by fire, suppressive fire, engagement of point and area targets, and multiple
- .5 ____ 50 cal. barrels are changed approximately every 1000 rounds if breaks in action make it feasible.
- .6 ____ While firing on the move, crewmen demonstrate the ability to hit an area target.
- .7 ____ Crewmen demonstrate proper actions during weapon failures.
- .8 ____ AAV unit reports SITREP to higher headquarters.

EVALUATOR INSTRUCTIONS: The evaluator should be in a position where he can monitor fire command as well as view the targets. Binoculars are required. All crews should be evaluated with the 90 percent rule applying.

KEY INDICATORS:

ELEMENTS OF A FIRE COMMAND

The elements include:

- Alert.
- Direction.
- Description.
- Assignment.

ENCLOSURE (1)

- Control.

TECHNIQUES OF FIRE

These include:

- a. RECONNAISSANCE BY FIRE: Fire single burst with the goal of drawing return fire from the enemy.
 - b. SUPPRESSIVE FIRE: Direct fire designed to inflict damage and casualties at known or suspected enemy positions. Fired in bursts of 10-15 rounds every 10 seconds.
 - c. POINT TARGET: A target covering a small area that can be hit by one or two bursts of 10-15 rounds. Should be engaged from short halts.
 - d. AREA TARGET: Normally covers a wide area. Use of the "z" pattern is most effective.
 - e. MULTIPLE TARGETS: Suppressive fire is utilized. Multiple targets are engaged by different sections within the platoon(s). The targets providing the most immediate threat are engaged first.
-

TASK: 10D.03.13 ESTABLISH DEFENSIVE POSITIONS

CONDITION(S): The MCM platoon has been ordered to conduct defensive support of an infantry unit while on a night halt.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander acknowledges receipt of the supported unit's OpOrd/FRAG Order.
- .2 ____ Platoon leaders conduct a reconnaissance of the assigned defensive positions.
- .3 ____ AAVs move to the initial defensive positions utilizing movement techniques appropriate to the threat, visibility, and
- .4 ____ The platoon commander coordinates with the supported unit and ensures vehicle security is provided.
- .5 ____ The platoon commander coordinates sectors of fire and the general location of vehicle fighting positions.
- .6 ____ AAV crews occupy vehicle fighting positions.
- .7 ____ AAV crews prepare range cards.
- .8 ____ Section leaders prepare fire plan sketches.
- .9 ____ The platoon commander determines the need for camouflage
- .10 ____ Crews make efforts to cover "track prints" around positions.

ENCLOSURE (1)

- .11 ____ MCM platoon lays communications wire, if time permits.
- .12 ____ The platoon commander coordinates with the supported unit to select alternate and supplementary positions, covered and concealed routes between fighting positions, and rehearses
- .13 ____ Crewmen utilize night vision devices.
- .14 ____ The platoon is prepared to move to counterattack position,
- .15 ____ Platoon rehearses counter-attack if situation permits.
- .16 ____ Platoon rehearses movement back to subsequent battle position if in a mobile defense.
- .17 ____ Platoon conducts reconnaissance of subsequent battle positions, if applicable.
- .18 ____ Crew chiefs constantly improving vehicle position.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

MCM PLATOON COMMANDER RESPONSIBILITIES

The MCM platoon commander designates sectors of fires to maximize the effectiveness of the unit's weapons. These sectors are submitted to higher headquarters for inclusion in the overall defensive overlay. He places special emphasis on the following:

- Proper utilization of terrain.
- Covered and concealed positions.
- Camouflage techniques.
- Control of key terrain.
- Defense in depth with mutually supporting fires.
- Good observation and fields of fire.
- Designated target reference points (TRPs), engagement areas, boundaries, and armor kill zones (AKZs).
- Cover for likely fields of approach.
- Long range and flanking fires.
- Supplemental positions.
- Coordination with adjacent units.
- Plans for close and midrange fires.
- Plan for withdrawal.

ENCLOSURE (1)

- Designated priority of work.
 - Assignment of target priorities.
 - Construct/coordinates emplacement of obstacles.
-

TASK: 10D.03.14 EMPLOYMENT OF AAV WEAPONS IN THE DEFENSE

CONDITION(S): The MCM platoon is providing .50 cal, 40mm, and small arms from defensive positions at night. Enemy forces are located from ranges of 200 meters to 1500 meters. The targets vary from troops in trench lines and bunkers to armored vehicles.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon sergeant ensures distribution of night vision devices to crew chiefs.
- .2 ____ Crew chief checks foresight of the vehicles weapons station.
- .3 ____ Crew chiefs make appropriate range cards. (KI)
- .4 ____ Section leaders make fire plan sketches.
- .5 ____ Based on the range card, crewmen demonstrate the ability to hit a point target at 1500 meters while firing thirty (30) .50 cal rounds in three bursts at night.
- .6 ____ Based on range cards, AAV crewman demonstrate the ability to employ 40mm grenade launcher against suitable targets.
- .7 ____ AAV organic firepower assets are employed per control measures in effect at the time of engagement. (KI)

EVALUATOR INSTRUCTIONS: Pyrotechnics are fired to provide ambient light to ensure the target is being hit if NVGs are not available or utilized.

KEY INDICATORS:

CONTROL MEASURES

Published by the senior headquarters or supported unit and should include:

- Target reference point.
- Engagement areas/armor kill zones.
- Sectors and limits of fire.
- Unit boundaries.
- Target priorities for each weapon system.

ENCLOSURE (1)

RANGE CARDS

The four essential parts of a range card are:

- Target identification.
 - Azimuth.
 - Range.
 - Elevation.
-

TASK: 10D.03.15 EMPLOYMENT OF SMOKE SCREEN

CONDITION(S): The MCM platoon is supporting embarked infantry personnel.

have engaged the element. The employment of smoke has been briefed prior to the commencement of operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Lays down a smoke screen.
- .2 ____ AAV crews correctly load and fire the M-257 Smoke Grenade
- .3 ____ AAV crews demonstrate immediate action on the M-257 Smoke Grenade Launcher. (KI)

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

IMMEDIATE ACTION

If the M257 Smoke Grenade Launcher does not fire on the first attempt, immediate action procedures are as follows:

- Shut down electrical power in the turret.
- Ensure grenade is properly seated.
 - If properly seated, attempt to fire, remove the grenade, place it in another tube and attempt to fire. If it still does not fire, then stow the round to turn in later to EOD personnel for disposal.
 - If the grenade is not properly seated, then reset and attempt to fire. If grenade still does not fire, change tubes and follow procedures as described above.

ENCLOSURE (1)

MPS 10D.04 - SUPPLY AND MAINTENANCE OPERATIONS

TASK: 10D.04.01 CONDUCT RECOVERY OPERATIONS

CONDITION(S): The MCM platoon is in direct support. An AAV has become a casualty and must be recovered.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Immediate actions are taken to extract personnel and/or extinguish fires, consistent with the tactical situation.
- .2 ____ Medvac sitreps are to be sent to higher headquarters.
- .3 ____ The crew of disabled AAV, with platoon maintenance chief, conducts battle damage assessment and makes repairs if
- .4 ____ The platoon sergeant requests a recovery vehicle through the supported or parent unit.
- .5 ____ The platoon sergeant coordinates recovery effort with the supported unit including the location of, and route to, the
- .6 ____ Disabled vehicle(s) and/or equipment is successfully
- .7 ____ NBC contaminated equipment is recovered/evacuated. (KI)
- .8 ____ The platoon commander requests replacement vehicle if
- .9 ____ Crewmen use approved methods of AAV destruction to prevent the enemy use of vehicle if it cannot be salvaged or recovered.

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the TEC, inserts sufficient vehicle casualty play into the tactical scenario to evaluate this task including simulated destruction of AAV.

KEY INDICATORS:

RECOVERY COORDINATION

The recovery effort includes:

- Coordination with the supported unit to ensure familiarization with the situation and tactical control measures in effect.
- Identifying location and a route to vehicle/equipment.
- Locating vehicle/equipment without excessive searching.
- Ensuring security augmentation, if tactically required.

NBC contaminated recovery operations have the following additional requirements:

- Crews adopt MOPP 4 and button up recovery vehicle before entering contaminated area.

ENCLOSURE (1)

- Select route that minimizes exposure.
 - Enforce all safety regulations.
 - Rig for evacuation.
 - Recover vehicle/equipment and evacuate it to the EDS.
 - Assist EDS personnel in decontaminating the recovery vehicle.
 - Evacuate to the appropriate maintenance/support activity.
-

TASK: 10D.04.02 CONDUCT SUPPLY AND MAINTENANCE OPERATIONS

CONDITION(S): The MCM platoon is tasked to support tactical operations and/or on land. Initial planning has been completed, as well as liaison with the supported and/or parent unit. Final preparations for supportability have been completed.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The MCM platoon commander and/or AAV parent unit maintenance and supply officers provide input into the logistics.
- .2 ____ AAV crews conduct timely crew maintenance (third echelon maintenance and below, prior to deployment).
- .3 ____ Supply and maintenance responsibilities are clearly understood by the platoon commander and the supported unit commander.
- .4 ____ AAV crews are trained in all the operation, preventative maintenance, and lubrication tasks related to their vehicle.
- .5 ____ Trained maintenance personnel from the parent company are attached to the platoon and are located well forward and readily available to the AAV unit. (KI)
- .6 ____ The platoon carries an operational block of repair parts while deployed, to include PEB, extended maintenance materials, and disposable items for all organic equipment.
- .7 ____ Preventative maintenance "spot check" inspections are conducted on a routine basis, and a continuing service program

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with TEC, inserts sufficient logistic and maintenance requirements into the tactical scenario to provide for evaluation of this task.

ENCLOSURE (1)

KEY INDICATORS:

ORGANIZATIONAL MAINTENANCE

Ensure organizational maintenance is organized to accomplish the following:

- Make repairs as far forward as possible.
- Identify and record precise discrepancies of the vehicles and equipment to include specific parts and actions required.
- Provide necessary personnel, parts, tools, and equipment to affect repairs.
- Repair and return vehicles and equipment to the unit in a timely manner.

ENCLOSURE (1)

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MPS 10D.05 - CONTINUING ACTIONS BY MARINES

TASK: 10D.05.01 IMPLEMENTING DISCIPLINE

CONDITION(S): The MCM platoon is tasked to support the tactical combat element. Operations can be waterborne, ashore, or both. The platoon is equipped for both day and night operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Collective discipline is demonstrated by individual members being in control of themselves and contributing to mission
- .2 ____ Platoon personnel safeguard and clean their weapons, both individual and crew served, daily.
- .3 ____ Platoon vehicles, generators, etc., are given regular operator maintenance by the Marine(s) assigned to operate them.
- .4 ____ Log books are filled out including operating entries and
- .5 ____ The platoon employs its' firepower in an orderly and organized fashion when engaged. Random wastage of ammunition is not
- .6 ____ Marines do not waste or abuse unit supplies or material.
- .7 ____ Supplies are safeguarded from the enemy and from the weather, and are not scattered about.
- .8 ____ Marines operating radios do not expose themselves to radio detection finding (RDF) by unnecessary, wordy, or repetitious message traffic. Standard passwords are used and communication checks are limited. All personnel using radios adhere to required standards of performance regardless of grade.
- .9 ____ Unit cannot be detected by enemy as a result of poor noise discipline, particularly during halts.
- .10 ____ Unit cannot be detected by enemy as a result of poor light
- .11 ____ Marines wear/carry the prescribed uniform/equipment at all times including individual weapon, body armor, helmets, protective mask, first aid kit, safety boots, and NOMEX
- .12 ____ Leaders actively promote field sanitation and personal hygiene by enforcing use of designated heads, good personal health habits, police of area, and inspection of the

EVALUATOR INSTRUCTIONS: If a unit is located by RDF or observation as a result of noise, light, and/or communications procedures, the standard cannot be considered as having been met. Evaluators must determine if the unit is violating light, noise, and communication procedures discipline when no aggressors or EW support is available from the TEC. This task will be evaluated over the entire exercise and evaluators will note efforts of unit leaders to maintain and correct discipline. Improvement by the unit throughout the

ENCLOSURE (1)

exercise, such as standards become consistently met, may result in a "yes" marking.

KEY INDICATORS: None.

TASK: 10D.05.02 CONDUCT PREVENTIVE MAINTENANCE (PM)

CONDITION(S): The MCM platoon is supporting tactical operations. The limited duration; however, the MCM platoon is supporting both the ship to objective movement and land operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander includes preventative maintenance time during operational planning.
- .2 ____ Vehicle crew chiefs assign crewman areas of responsibility for PM and supervise their efforts.
- .3 ____ Crewmen display a sense of urgency when conducting PMs.
- .4 ____ Preoperation, during operation, and post operation checks are
- .5 ____ Proper startup procedures are followed.
- .6 ____ During scheduled/nonscheduled halts, PM checks are performed.
- .7 ____ Proper cool down procedures are followed before shutting down.
- .8 ____ Additional equipment, including weapons, receive continuous maintenance by crewmen.
- .9 ____ Safety rules and regulations are followed per unit SOP.
- .10 ____ Crewmen conduct PM on communications equipment.
- .11 ____ Maintenance personnel aggressively coordinate with crew chiefs to identify corrective maintenance needs.

EVALUATOR INSTRUCTIONS: This task is applicable at all times. Evaluators must be familiar with proper first echelon maintenance and lubrication procedures.

KEY INDICATORS:

HALT CHECKS

Halt check are scheduled to occur during all long movements. Anytime the platoon makes unscheduled halts, PM checks are made. During short halts, a walk around inspection is made to check the hull and suspension components. Longer halts include engine compartment/fluid level checks.

TASK: 10D.05.03 DEMONSTRATE DISPERSION

ENCLOSURE (1)

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CONDITION(S): The MCM platoon is tasked to provide direct support to a ground element. The tactical situation requires both offensive and defensive actions to occur.

STANDARDS: EVAL: Y; N; NE

- .1 ____ AAVs/personnel maintain dispersion during movement, and in particular, do not bunch together at the conclusion of an
- .2 ____ AAVs maintain assigned positions and intervals during
- .3 ____ All platoon vehicles maintain dispersion during halts, in assembly areas, and when deployed in the defense.
- .4 ____ Leaders set the example by personally heeding the rule of dispersion and, at the same time, take immediate action to

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10D.05.04 EMPLOY COVER AND CONCEALMENT

CONDITION(S): The MCM platoon is tasked to provide direct support of a ground element. The tactical situation requires both offensive and defensive actions to occur.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Individual Marine demonstrate attention to detail when camouflaging platoon vehicles and equipment to include
- .2 ____ When halted for extended periods, vehicles are camouflaged with reflective surfaces dulled.
- .3 ____ Equipment and tentage are provided with appropriate netting or are concealed with natural material.
- .4 ____ The platoon's leaders stress placement of men and material in areas that provide cover and concealment from casual detection by enemy air and ground assets. Use of shadow areas for hasty
- .5 ____ Covered positions allow for adequate observation and fields of
- .6 ____ Crew members correctly generate vehicle smoke for screening if required by the tactical commander.
- .7 ____ The platoon selects and prepares a position that offers the best camouflage and cover.

EVALUATOR INSTRUCTIONS: Evaluator observes individual Marines and the platoon. This task is applicable throughout the operation.

ENCLOSURE (1)

KEY INDICATORS:

COVERED POSITION

Ensure that covered firing positions satisfy the following requirements:

- Position allows the best possible observation and fields of fire consistent with the terrain and tactical situation.
- Weapons mounted on the vehicle can cover the assigned targets/engagement areas.
- Vehicle's hull is protected from direct fire from the front.

TASK: 10D.05.05 REACT TO DIRECT FIRES

CONDITION(S): The MCM platoon is moving and is engaged by enemy vehicles/armored personnel carriers, antitank gun, ATGM, or small arms.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The MCM platoon returns fire immediately, if in range.
- .2 ____ The platoon employs smoke to obscure the enemy's observation and to screen the movement of AAVs, if tactically appropriate.
- .3 ____ The AAVs initiate evasive action and use available terrain features/dispersion.
- .4 ____ The platoon employs all available direct fire weapons to suppress the enemy.
- .5 ____ The platoon commander requests immediate fire support from mortars, artillery, NSFS, and/or aircraft, if available.
- .6 ____ Spot reports are submitted to the supported unit headquarters.
- .7 ____ The platoon commander continues to develop the situation.

EVALUATOR INSTRUCTIONS: A simulated or actual request for fire, artillery or mortar, is required.

KEY INDICATORS: None.

TASK: 10D.05.06 REACT TO INDIRECT FIRE

CONDITION(S): The MCM platoon is moving and comes under indirect fire source.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Crewmen button up.
- .2 ____ AAVs move through the impact area and continue the mission.

ENCLOSURE (1)

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- .3 ____ The platoon employs smoke to obscure enemy's observation and to screen the movement of AAVs, if tactically appropriate.
- .4 ____ The platoon commander ensures dispersion and uses evasive maneuvers to maximize use of available covering terrain.
- .5 ____ When under "automatic masking" directives, crews don protective mask, initiate NBC monitor/survey, and submit NBC-1
- .6 ____ The platoon submits a Spot report and SHELLREP to the supported unit as appropriate.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10D.05.07 ESTABLISH TACTICAL RADIO COMMUNICATION

CONDITION(S): The MCM platoon is in direct support of tactical operations order requires the MCM platoon to operate covered circuits.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Demonstrates the ability to install and operate COMSEC
- .2 ____ Demonstrates the ability to use KY device AN/CZY-10 for FH and
- .3 ____ Demonstrates the ability to use authentication tables.
- .4 ____ AAV crews understand and demonstrate "beadwindow" procedures.
- .5 ____ Crew chiefs and section leaders are able to explain the capabilities of the vehicle communications system in the
- .6 ____ Demonstrates radio discipline by keeping conversations short and radio checks to a minimum.
- .7 ____ Crewmen realize and demonstrate the importance of low power radio settings for short distance communications.
- .8 ____ Reports inoperable communications equipment in a timely
- .9 ____ Demonstrates the ability to pass information by alternate
- .10 ____ Communications personnel organic to the platoon demonstrate the ability to employ all types of organic antennas and field expedient antennas, when required.
- .11 ____ Platoon personnel demonstrate the ability to perform a late
- .12 ____ Platoon personnel demonstrate the ability to perform a Hot
- .13 ____ Platoon personnel demonstrate the ability to transfer SOI, COMSEC, FH data/Sync time from ANCD to ANCD (supported units to platoon).

ENCLOSURE (1)

- .14 ____ Platoon personnel demonstrate the ability to load time and date from PLGR to ANCD and PLGR to RT.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10D.05.08 RESPOND TO ENEMY ELECTRONIC WARFARE (EW)

CONDITION(S): Enemy forces have the capability to conduct ESM and ECM radio spectrum, initiative deception and frequency jamming are being used. Numerous items of friendly communications equipment are known to be in the hands of the enemy, and they are familiar with our communication techniques and procedures. Enemy antennas are located well forward.

STANDARDS: EVAL: Y; N; NE

- .1 ____ All radio nets specified as covered circuits in the CEOI plan operate in the covered mode.
- .2 ____ CEOI is followed; daily changing frequencies and call signs
- .3 ____ Operators adhere to emission control (EMCON) procedures.
- .4 ____ Vehicle commanders choose sites that provide for terrain masking to minimize enemy probability of communication
- .5 ____ Authentication is required by Marines guarding uncovered radio
- .6 ____ Marines operating radios do not reveal effectiveness of enemy jamming efforts and continue to attempt to communicate.
- .7 ____ Proven or suspected enemy electronic activity is reported to the supported unit by a "MIJI" report via wire, messenger, or other secure means in a timely manner.
- .8 ____ Relays communications by alternate means when radio nets are effectively jammed.
- .9 ____ Radio operators do not compromise unit locations, strength, or commit other "BEADWINDOW" security violations.
- .10 ____ Expedient radio antennas are employed, when feasible.
- .11 ____ Low priority and routine messages are sent by other than
- .12 ____ Transmitting power is set at the minimum required to
- .13 ____ Brevity codes promulgated by the appropriate communications SOP are employed.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

ENCLOSURE (1)

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TASK: 10D.05.09 RESPOND TO ENEMY AIR THREAT

CONDITION(S): The enemy has fixed wing and attack helicopter capability. Their all weather capability is limited. Laser guided munitions are available to the enemy.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The AAV unit has established procedures for both active and passive air defense.
- .2 ____ Air guards are designated. (KI)
- .3 ____ The platoon has an alarm system to warn of air attack.
- .4 ____ Planned procedures are used to alert all personnel on board the AAVs to air attack.
- .5 ____ Crewmen are aware of, and react to, the meaning of the alarm.
- .6 ____ The platoon's maneuver elements continue to maneuver, relying on overwatch elements and air defense elements to engage
- .7 ____ If given advance warning of approaching hostile aircraft, the platoon takes appropriate passive measures. (KI)
- .8 ____ If the platoon is taken by surprise by hostile aircraft, the AAVs take appropriate active defensive actions. (KI)
- .9 ____ The platoon commander maintains fire control and causes the delivery of a heavy volume of fire at the attacking aircraft.
- .10 ____ The platoon reports attack by enemy air to the supported unit by flash message.

EVALUATOR INSTRUCTIONS: The senior evaluator, in conjunction with the TEC, ensures that enemy air activity corresponds to contemporary threat air tactics, and that threat aircraft type is announced to the evaluated unit.

KEY INDICATORS:

AIR GUARDS

Air guards are specifically assigned within each subordinate element designated to watch for the approach of hostile aircraft. Moving units increase the number of air guards, and specify sectors to cover 360 degrees of observation. They are able to:

- State the nature of the threat; i.e., fixed-wing jet.
- Use the signal established as the alarm for attack.
- Identify friendly aircraft that are in support of the unit.

ENCLOSURE (1)

PASSIVE DEFENSE AGAINST ENEMY AIRCRAFT

If adequate advance warning alerts the MCM platoon to incoming enemy aircraft, whether it be fixed-wing or helicopter, the following passive measures should be taken:

- Slow movement down to reduce dust signature if on the move.
- Use covered and concealed firing positions; take up positions beside hill masses that will mask the vehicles and limit the approach angle of the aircraft.
- Assign sectors of fire.

ACTIVE DEFENSE AGAINST ENEMY AIRCRAFT

Once the MCM platoon has taken up a passive antiair posture, there is a possibility that enemy aircraft, especially fixed-wing, will not see the AAV unit and will bypass it. If so, the MCM platoon should stay in place until the aircraft are safely out of range then continue on with the mission. If the enemy air detects the MCM platoon, or the unit is ordered to engage the aircraft, the following steps are taken:

- On order, AAVs and embarked Marines engage the aircraft with onboard weapons systems.
- Maneuver to provide the most difficult target to the aircraft, i.e., if in a column turn at a right angle to approaching aircraft.
- Employ smoke to screen the force and move to preplanned secondary positions.

TASK: 10D.05.10 PROCESS ENEMY PRISONERS OF WAR

CONDITION(S): The MCM platoon is moving in a rear area without embarked and uncovers enemy soldiers attempting to emplace a mine. The enemy is captured with both the explosive device and documents.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon processes EPWs per the Marine Corps Battle Skills Test (MBST) Manual. (KI)
- .2 ____ Perishable information obtained from EPWs is reported to higher headquarters by most expeditious means.
- .3 ____ Marines handling wounded or sick EPWs ensure they receive proper medical care.
- .4 ____ EPWs are allowed to retain personal protective equipment (e.g., helmet, gas mask, etc.).
- .5 ____ EPWs and all recovered equipment/documents are transferred to higher headquarters as soon as possible.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

KEY INDICATORS:

EPW PROCESSING

EPWs should be processed in accordance with the following:

- Individual Marine handling EPWs segregate them by type: Officers, NCOs, unranked, civilian combatants, sex, etc.
 - EPWs are searched immediately after capture: material found is tagged per the EPW from whom it was taken.
 - EPWs are required to remain silent and are not permitted to converse among themselves.
 - EPWs are processed with speed to obtain maximum intelligence benefit.
 - Marines handling EPWs ensure that they are safeguarded from abuse and from hazards of enemy fire.
-

TASK: 10D.05.11 PROCESS CASUALTY EVACUATIONS

CONDITION(S): The MCM platoon is in support and has been tasked with to provide for a waterborne means of evacuating casualties. Organic corpsmen are with the platoon.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The MCM platoon briefs its MEDEVAC capabilities to the
- .2 ____ The MCM platoon understands the supported unit's MEDEVAC procedures, priorities, and required reports.
- .3 ____ AAV litter kits are properly installed and serviceable.
- .4 ____ Marine dealing with casualties prior to arrival of corpsmen demonstrate emergency first aid knowledge in the treatment for shock, fractures, penetrating wounds, and sucking chest
- .5 ____ Lightly wounded Marines apply self aid.
- .6 ____ Marines dealing with casualties are familiar with evacuation procedures, locations of medical facilities, and safe routes
- .7 ____ Marines who must be evacuated are transported to the treatment site in a tactically sound and expeditious manner with adequate on board medical assistance.
- .8 ____ Casualty reporting begins immediately through the chain of
- .9 ____ Wounded Marines' equipment is handled per AAV unit SOP.

EVALUATOR INSTRUCTIONS: This task is applicable in all evaluations, and should be simulated by evaluator or TECG input to ensure knowledge.

ENCLOSURE (1)

KEY INDICATORS:

CHAIN OF EVACUATION

AAV crewman should be aware of all possible means to MEDEVAC personnel. Location of aid stations should be noted in operations orders. Each MCM platoon should have a corpsman assigned to assist in medical treatment and evacuation.

TASK: 10D.05.12 IMPLEMENTING AAV OPERATIONAL SAFETY PRECAUTIONS

CONDITION(S): The MCM platoon is in support of day/night tactical the sea and on land.

STANDARDS: EVAL: Y; N; NE

- .1 ____ A safety brief is conducted prior to water operations.
- .2 ____ All embarked personnel must wear helmets and carry weapons with muzzles down. (KI)
- .3 ____ All personnel wear inflatable preserves with serviceable CO2 cartridges during water operations.
- .4 ____ Safety belts are not worn while the vehicle is waterborne.
- .5 ____ Embarked personnel wear normal combat equipment over a life preserver and loose enough to jettison without delay.
- .6 ____ Embarked personnel are provided an individual vision light during night operations that is attached to the life
- .7 ____ Personnel are restricted from riding on top of a moving AAV.
- .8 ____ Personnel do not ride in a moving AAV with more than their heads and shoulders extending above the hatch.
- .9 ____ No smoking is allowed.
- .10 ____ AAVs maintain a distance of at least 10 meters during periods of unrestricted visibility, or less during periods of restricted visibility while waterborne.
- .11 ____ An AAV crewmember positions himself at the aft personnel door to ensure the door is secure during all waterborne

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS:

HELMETS

All personnel manning AAVs wear helmets. Crewmembers normally wear communication helmets while passengers wear the Kevlar issue helmet and carry weapons with muzzles down.

ENCLOSURE (1)

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All personnel wear the inflatable type life preserver at all times during water operations. AAV unit provides life preservers for crewmen and embarked personnel. Inflatable type life jackets will be worn around the neck and under equipment while vehicles are waterborne, and not contained in the carrying case at the belt.

ENCLOSURE (1)

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MPS 10D.06 - PREPARE FOR NBC OPERATIONS

TASK: 10D.06.01 NBC OPERATIONS

CONDITION(S): Threat forces have employed NBC munitions in the area destroying/disrupting operations and facilities. Due to the threat, passive and active defense measures must be used for survival of the MCM platoon.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The MCM platoon possesses the unit's SOP which outlines procedures for enemy NBC strikes and the reports required.
- .2 ____ All individual NBC defense equipment authorized by the table of equipment (T/E) is issued to each individual.
- .3 ____ All unit NBC defense equipment authorized by T/E is operationally ready and distributed to trained operators.
- .4 ____ NBC equipment shortages are identified and replacement actions
- .5 ____ M11 decontamination equipment units are filled (water used for
- .6 ____ MOPP level is established by the supported unit and AAV personnel are at or above required MOPP level.
- .7 ____ The platoon commander uses the IM-143 or the AN/PDR-75 radiac detector and reports the readings higher headquarters.
- .8 ____ The platoon's leaders understand MOPP levels for the control of exposure of personnel to chemical hazards.
- .9 ____ Marines properly identify NATO or threat NBC contamination
- .10 ____ All elements of the platoon maximize the utilization of terrain features for cover, concealment, and topographic

EVALUATOR INSTRUCTIONS: Provide the platoon information to expect an imminent NBC attack by the enemy and integrate NBC scenarios with normal missions. Evaluator(s) should be school trained in the area of NBC defense (MOS 57XX) or be thoroughly trained in this area as part of evaluators' school.

KEY INDICATORS: None.

TASK: 10D.06.02 PREPARE FOR NUCLEAR ATTACK

CONDITION(S): The MCM platoon commander is informed that nuclear weapons in the theater of operations.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Backup command, control and communication procedures are used
- .2 ____ Subordinate/Displaced elements are alerted, if applicable.

ENCLOSURE (1)

- .3 ____ The platoon continues the mission while implementation actions to minimize casualties and damage.
- .4 ____ The platoon implements protective measures, as directed by higher command element, consistent with the mission.
- .5 ____ Personnel minimize exposure by rolling down sleeves, buttoning collars, and wearing additional clothing equal to a two
- .6 ____ Personnel take cover in fighting holes, armored vehicles, existing shelters (basements, culverts, caves, tunnels, etc.), or lie prone on the ground, as dictated by the time of the
- .7 ____ External electronic equipment is protected from ElectroMagnetic Pulse (EMP) and Transient Radiation Effects on
- .8 ____ Periodic monitoring is initiated, using the IM-174 radiac detector or the AN/VDR-2 radiac set.
- .9 ____ Vehicles are placed behind masking terrain.
- .10 ____ All loose items, flammable/explosive items, food and water, which are not stored in AAVs, are secured and protected from
- .11 ____ Platoon personnel use standard first aid procedures to provide self/buddy aid for nuclear blast and thermal effects.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

TASK: 10D.06.03 RESPOND TO THE INITIAL EFFECTS OF A NUCLEAR ATTACK

CONDITION(S): Nuclear burst has occurred or is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Upon recognizing the attack, all personnel take immediate action to shield themselves from blast/heat of detonation.
- .2 ____ Chain of command and communication are maintained or reestablished. AAV resume mission, if possible.
- .3 ____ NBC-1 initial and follow-up reports, as required, are rapidly submitted to the supported command element by personnel designated or responsible for collecting the information. Reliable and complete reports are rapidly forwarded, by secure
- .4 ____ Casualties are given first aid and are evacuated to a medical treatment station as the mission permits; fatalities are evacuated to a graves registration collection point.
- .5 ____ Damage assessment is submitted by secure means to the supported headquarters per SOP.

ENCLOSURE (1)

- .6 ____ Continuous monitoring is initiated, using the IM-174 radiac detector or the AN/VDR-2 radiac set.

EVALUATOR INSTRUCTIONS: a. The evaluator announces that a nuclear blast either has occurred at a given location, or that a blast is imminent. A blast simulator can initiate platoon action/evaluation when the commander has been informed of the pending nuclear attack.

b. Evaluators will assess constructive casualties due to the blast, heat, radiation, and ElectroMagnetic Pulse (EMP). EMP casualties will be assessed by the evaluator for all communications systems (antennas, receivers/transmitters) that are exposed (not in a covered or hardened location/vehicle) during the simulated nuclear detonation

KEY INDICATORS: None.

TASK: 10D.06.04 RESPOND TO RESIDUAL EFFECTS OF A NUCLEAR BLAST

CONDITION(S): A surface or subsurface nuclear detonation has occurred. The MCM platoon's location is within the predicted fallout zone. An M5A2 radiological fallout predictor, or substitute, is available. The platoon gets effective downwind messages at least once every three hours. NBC-2 report is furnished to the unit about 15 minutes after the detonation, or prepared by the unit; NBC-3 report is furnished to the unit about 15 minutes after the detonation, or prepared by the unit; NBC-3 report is furnished about 45 minutes after the detonation; NBC-5 report and/or contamination overlay is provided about four hours after the detonation.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon's mission is performed concurrently with all other
- .2 ____ The platoon is advised of estimated time of fallout arrival and subordinate elements are notified.
- .3 ____ Continuous monitoring is maintained using the IM-174 detector or an AN/VDR-2 radiac set.
- .4 ____ Equipment, munitions, POL, food, and water are protected from
- .5 ____ Personnel take protective measures to minimize fallout
- .6 ____ NBC-4 reports are forwarded, as required, to the supported command element by secure means.
- .7 ____ Unit total dose information is measured using the IM-173, AN/PDR-75 and reported to the supported command element using available secure means.
- .8 ____ Exposure is minimized while the command element determine if relocation to a clean area is necessary.
- .9 ____ Personnel provide first aid treatment to casualties in a nuclear environment while minimizing selves and casualties to
- .10 ____ Casualties and fatalities are assessed.

ENCLOSURE (1)

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.11 ____ Vehicles are assessed for damage.

EVALUATOR INSTRUCTIONS: Commander is advised of estimated time of fallout arrival.

KEY INDICATORS:

PERSONNEL PROTECTIVE MEASURES

Personnel take the following measures to minimize fallout effects:

- Place a wet cloth across mouth and nose.
 - Make the AAV as air tight as possible.
 - Utilize outer garments, such as ponchos, to the maximum extent possible.
 - Keep the inside of the vehicle as clean as possible.
-

TASK: 10D.06.05 PERFORM RADIOLOGICAL DECONTAMINATION

CONDITION(S): Fallout has ceased, and personnel and equipment are hazard to personnel does not allow time for the radiation to decay to a minimum level. Time and tactical situation permits hasty decontamination. Decontamination support is not available.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander establishes decontamination priorities.
- .2 ____ A hasty decontamination point is established out of the
- .3 ____ Movement to the decontaminated site is controlled and is
- .4 ____ Decontamination personnel wear appropriate protective clothing and equipment.
- .5 ____ Hasty decontamination of equipment and vehicles using appropriate expedient devices occurs. (KI)
- .6 ____ Contaminated areas are marked with NATO standard NBC markers.
- .7 ____ Adequacy of decontamination is determined utilizing the
- .8 ____ Contaminated materials are discarded according to tactical SOP, marked as contaminated, and location is provided to
- .9 ____ Decontamination personnel are decontaminated as necessary.
- .10 ____ Operational Exposure Guidance (OEG) is not exceeded.
- .11 ____ Total dose information for the hasty decontamination area is recorded and reported utilizing the determined IM-174 and/or AN/VDR-2 to higher headquarters.

EVALUATOR INSTRUCTIONS: None.

ENCLOSURE (1)

KEY INDICATORS:

EXPEDIENT DECONTAMINATION

The rule of thumb for expedient decontamination is wet and dry on dry. If the contaminant is wet, utilized buckets of water or if possible, splash the AAVs into a body of water. If the contaminate is dry, simply brush it off the vehicles and personnel.

TASK: 10D.06.06 CROSS A RADIOLOGICALLY CONTAMINATED AREA

CONDITION(S): The tactical situation forces the MCM platoon to cross a contaminated area.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon's reconnaissance element is provided the turnback
- .2 ____ The reconnaissance element is dispatched to reconnoiter new
- .3 ____ The platoon crosses expected contaminated area while employing contamination avoidance techniques.
- .4 ____ Operational Exposure Guidance (OEG) is not exceeded.
- .5 ____ After clearing the contaminated area, the degree of personnel and equipment contamination is determined, using the
- .6 ____ Decontamination priorities are established and performed as
- .7 ____ The platoon commander records the unit dose information, using available IM-143s or AN/PDR-75s, and reports the results to

EVALUATOR INSTRUCTIONS: The evaluator will provide the MCM platoon commander with turnback and dose rates, if higher headquarters does not provide it.

KEY INDICATORS: None.

TASK: 10D.06.07 PREPARE FOR A FRIENDLY NUCLEAR STRIKE

CONDITION(S): The MCM platoon commander receives a friendly nuclear 21-40, pages 6-24 and 6-15. The platoon is within Minimum Safe Distance (MSD) 2 two 3.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander applies the STRIKWARN to the situation map within 5 minutes after message receipt.
- .2 ____ Pertinent information regarding the planned detonation (time of burst, ground zero, fallout coverage, MSD, etc.) is available to the platoon commander.

ENCLOSURE (1)

- .3 ____ Unit is advised of its' vulnerability to the burst (within MSD 1,2 or 3) and residual contamination (within predicted fallout
- .4 ____ Unit is advised of the measures needed to prevent casualties, damage, and extended interference with the mission.
- .5 ____ Unit implements protective measures, as directed by higher headquarters, consistent with the mission.
- .6 ____ All platoon personnel minimize exposure by rolling down sleeves, buttoning collars, and wearing additional clothing
- .7 ____ Personnel take cover in fighting holes, bunkers, armored vehicles, existing shelters (basements, culverts, caves, tunnels, etc.), or lie prone on open ground, as the time of
- .8 ____ Vehicles are placed behind masking terrain.
- .9 ____ External electronic equipment is protected from ElectroMagnetic Pulse (EMP) and Transient Radiation Effects on
- .10 ____ All loose items (small weapons, tools, etc.) and highly flammable/explosive items (POL, propellants, etc.) are placed in armored vehicles or shelters.
- .11 ____ The platoon commander acknowledges the warning before the expected time of burst. All platoon elements have been warned and protective measures implemented.

EVALUATOR INSTRUCTIONS: Evaluator simulates nuclear detonation with an artillery blast simulator, or informs the unit that nuclear blast has occurred. Evaluator assesses casualties and damage to unprotected personnel and equipment.

KEY INDICATORS: None.

TASK: 10D.06.08 PREPARE FOR CHEMICAL AGENT ATTACK

CONDITION(S): An MCM platoon in support is informed that chemical used in the theater of operations and that a chemical attack is imminent.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon's leaders have and use it's parent organization's chemical defense SOP which addresses chemical
- .2 ____ All platoon elements, if applicable, are directed to increase MOPP consistent with mission, temperature, work rate, and
- .3 ____ Mission essential tasks that are difficult to perform in MOPP 4 are identified. Alternate methods of task performance, such as allowing more time, rotating or assigning additional
- .4 ____ Marines perform up to standard in donning the protective mask and chemical protective overgarment

ENCLOSURE (1)

- .5 ____ The buddy system is established to facilitate monitoring/treatment for chemical agent poisoning and
- .6 ____ The platoon continues its primary mission while implementing all actions to minimize NBC casualties and damage.
- .7 ____ Portions of essential equipment, munitions, POL, food, and water supplies that cannot be placed in a shelter are covered with expendable or readily decontaminated tarps, shelter
- .8 ____ Detector paper is affixed to visible, horizontal surfaces of protective clothing and on equipment, munitions, etc.
- .9 ____ Decontamination is checked to ensure the M11 is filled, individuals have complete M13, M258A1, and M280 kits, and there is an available water source with a supporting road
- .10 ____ Potential decontamination sites are reported to higher
- .11 ____ Available chemical agent alarms are set up and monitored.
- .12 ____ Protective NBC equipment and supplies are properly used and maintained in a high state of serviceability.
- .13 ____ Marines demonstrate a knowledge of chemical agent symptoms.
- .14 ____ Radio operators pass and receive alert/warning messages via headset while wearing the protective mask.

EVALUATOR INSTRUCTIONS: CO/OIC is informed that chemical weapons have been used in the theater of operations and that an NBC attack is imminent.

KEY INDICATORS: None.

TASK: 10D.06.09 RESPOND TO A CHEMICAL AGENT ATTACK

CONDITION(S): An MCM platoon in support is subjected to a chemical agent

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon personnel identify the chemical alarm and take immediate protective measures.
- .2 ____ Personnel automatically mask upon notification that the enemy has used chemical weapons, or upon perceiving a suspicious odor, airborne droplets/mist, or smoke from an unknown source.
- .3 ____ Marines do not unmask until given the command "UNMASK" by their immediate commander. (KI)
- .4 ____ The MCM platoon continues its primary mission for at least four hours while in MOPP 4.

ENCLOSURE (1)

- .5 ____ Type of chemical agent is identified utilizing the M256 kit or M8 paper, and reported to the supported unit.
- .6 ____ Contamination is located and marked with NATO standard
- .7 ____ Location and type of contamination is reported to the supported command element.
- .8 ____ The platoon commander determines if immediate relocation to a clean area is necessary or possible and informs the supported
- .9 ____ Priorities are determined for decontamination. Decontamination support is requested by the platoon commander,
- .10 ____ WIAs are decontaminated, or wrapped, and marked as contaminated if decontamination is not performed, and evacuated. Medical treatment facility is alerted.
- .11 ____ KIAs are wrapped, marked as contaminated, and evacuated as mission permits. Graves registration collection point is
- .12 ____ Unmasking procedure is followed.
- .13 ____ WIAs are evacuated to the medical treatment facility as
- .14 ____ KIAs are evacuated to the graves registration collection point as mission permits.
- .15 ____ Detector kits are serviced and returned to operation.
- .16 ____ Expended chemical defense items are replaced as required.
- .17 ____ The platoon commander adjusts MOPP level as required.
- .18 ____ Unit personnel are able to handle and provide first aid treatment to casualties in a chemical environment.

EVALUATOR INSTRUCTIONS: Training site should support the type of activities being conducted and permit safe use of simulators and devices. Selected personnel are presented decontamination training kits and first aid treatment training devices to "treat designated casualties." Every attempt must be made to provide a realistic situation through devices, scenarios, or other aids developed through innovation. The key to a thorough evaluation is a realistic, believable, well supported situation imposed by the trainer/evaluator.

KEY INDICATORS: CHEMICAL CASUALTIES:

Chemical casualties are described as:

- Personnel without mask and hood within arms reach, without decontamination kits, or not wearing chemical protective clothing.
- Personnel not taking immediate corrective actions upon perceiving the attack, hearing a chemical agent alarm, being ordered to mask, or using incorrect masking procedures (not

ENCLOSURE (1)

masking within 9 seconds), or making incorrect use of decontamination kits/first aid treatment items.

- Marines who unmask or otherwise assume a lesser degrees of MOPP without being authorized to do so.

UNMASKING PROCEDURES:

The unmasking procedures outlined below are to be initiated after being notified to do so by higher headquarters or the immediate commander. They show procedures to be used with and without the M-256 chemical agent detector kit.

1. Initiate unmasking when a detector kit is available.
 - a. Disarm participants.
 - b. Use the detector at different points in the parameter to determine the presence of chemical agents.
 - c. If no agent is detected the senior Marine present will designate two or three individual Marines to unmask for 5 minutes and then remask for 10 minutes. This is to be done in the shade.
 - d. If no symptoms appear, remainder of unit may unmask. However, they remain alert for symptoms.
2. When no detector kit is available, the following unmasking procedures will be adhered to:
 - a. Disarm participants.
 - b. Two or three Marines take a deep breath, hold it, keep their eyes open, break the seal on their masks and hold the masks open for 15 seconds.
 - c. With masks resealed and cleared, the Marines are checked for symptoms for next 10 minutes. This occurs in the shade.
 - d. If no symptoms appear, the same Marine

KEY INDICATORS:

CHEMICAL CASUALTIES

Chemical casualties are described as:

- Personnel without mask and hood within arms reach, without decontamination kits, or not wearing chemical protective clothing.
- Personnel not taking immediate corrective actions upon perceiving the attack, hearing a chemical agent alarm, being ordered to mask, or using incorrect masking procedures (not masking within nine seconds), or making incorrect use of decontamination kits/first aid treatment items.
- Marines who unmask or otherwise assume a lesser degrees of MOPP without being authorized to do so.

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UNMASKING PROCEDURES

The unmasking procedures outlined below are to be initiated after being notified to do so by higher headquarters or the immediate commander. They show procedures to be used with and without the M256 chemical agent detector kit.

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 - a. Disarm participants.
 - b. Use the detector at different points in the parameter to determine the presence of chemical agents.
 - c. If no agent is detected the senior Marine present will designate two or three individual Marines to unmask for 5 minutes and then remask for 10 minutes. This is to be done in the shade.
 - d. If no symptoms appear, remainder of unit may unmask. However, they remain alert for symptoms.
2. When no detector kit is available, the following unmasking procedures will be adhered to:
 - a. Disarm participants.
 - b. Two or three Marines take a deep breath, hold it, keep their eyes open, break the seal on their masks and hold the masks open for 15 seconds.
 - c. With masks resealed and cleared, the Marines are checked for symptoms for next 10 minutes. This occurs in the shade.
 - d. If no symptoms appear, the same Marines break the seal of their masks, take two or three deep breaths, then clear, and reseal their masks.
 - e. If after 10 minutes no symptoms have appeared, the same Marines unmask for five minutes, and then remask.
 - f. If after 10 more minutes no symptoms have appeared, the rest of the unit may unmask. However, they remain alert for symptoms.

NOTE: After each unmasking, always notify higher headquarters.

TASK: 10D.06.10 PERFORM PARTIAL CHEMICAL DECONTAMINATION

CONDITION(S): Personnel and equipment have been contaminated by a Emergency decontamination has been accomplished. Time is not available for complete decontamination. The hazard is such that partial decontamination is required. All personnel are maintaining a maximum MOPP.

STANDARDS: EVAL: Y; N; NE

- .1 ____ Platoon personnel determine individual weapons and equipment using appropriate decontamination kits.

ENCLOSURE (1)

- .2 ____ The platoon commander determines the extent of decontamination required and decontamination priorities are established.
- .3 ____ Contaminated protective covers are removed, decontaminated, or
- .4 ____ Decontamination procedures are appropriate to items being decontaminated. (KI)
- .5 ____ Platoon personnel conduct hasty decontamination of equipment and vehicles using appropriate expedient devices.
- .6 ____ Adequacy of decontamination is determined. If inadequate:
 - a. Procedures are repeated.
 - b. Decontamination support is requested.
 - c. Risk of using equipment is accepted.
- .7 ____ Contaminated materials are discarded according to tactical SOP, marked as contaminated, and location provided to higher
- .8 ____ The platoon commander reduces MOPP level, as feasible.

TASK: None.

KEY INDICATORS:

DECONTAMINATION PROCEDURES

1. Initial decontamination of platoon equipment, vehicles, and crew-served weapons may be accomplished by:
 - a. Removing all gross contamination with sticks or other improvised devices which are buried after use.
 - b. Utilizing M11 decontamination apparatus filled with DS2 to spray areas frequently used or touched. (Water is used to simulate DS2 in a training environment).
2. Contaminated items that may need special decontamination treatment are:
 - a. POL, food, and water containers and munitions. These are washed with soapy water, rinsed, and thoroughly air dried.
 - b. Communications equipment and other electronic equipment. Decontaminated with hot air, by weathering, or all metal parts are wiped with rags soaks with DS2 (water is used for training purposes).
 - c. Optical instruments are blotted with rags and then wiped with lens cleaning solution or organic solvent.
3. Adequacy of decontamination is determined using the chemical agent detector kit. If contamination is still present, decontaminate again.
4. Hasty decontamination procedures can be developed in the vehicle wash down phase and the MOPP gear exchange phase.

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a. Vehicle wash down phase: Vehicle washdown should be completed within an hour for best results. If available, the most expedient manner for AAVs would be to "splash" a body of water such as a river or the ocean. The tactical situation may require an M12A1 decontamination apparatus be requested from higher headquarters.

b. MOPP gear exchange phase: MOPP gear exchange is the exchange of protective clothing as soon as the tactical situation permits or within six hours of being contaminated. Proper security must be arranged. The buddy system is utilized. The area needs to be continually checked to be sure it is free of contamination. Once decontamination procedures have been completed, personnel may unmask to provide relief from the MOPP 4 posture.

TASK: 10D.06.11 COORDINATE FOR COMPLETE DECONTAMINATION OF EQUIPMENT

CONDITION(S): While in support, the MCM platoon's equipment has been chemical agent. Emergency decontamination has been accomplished. Time is now available for complete decontamination, and support is available upon request.

STANDARDS: EVAL: Y; N; NE

- .1 ____ The platoon commander coordinates with the decontamination unit as to time of arrival, supplies, equipment, and personnel to be furnished to his contaminated unit. The estimated time the decontamination will be completed is included in this
- .2 ____ The platoon commander requests route clearance to personnel decontamination station/equipment decontamination station (PDS/EDS) assembly area. The platoon's advance party (personnel to augment decontamination operation and establish
- .3 ____ The platoon arrives at PDS/EDS assembly area and organizes for
- .4 ____ Decontamination begins as scheduled.
- .5 ____ The platoon reorganizes in a clean area upwind of residual contamination and prepares for resumption of mission.
- .6 ____ The platoon commander adjusts MOPP level, as feasible.

EVALUATOR INSTRUCTIONS: None.

KEY INDICATORS: None.

ENCLOSURE (1)